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Descriptors-CLASSROOMS, *ENROLLMENT, *MASTER PLANS, *PHYSICAL FACILITIES, *PLANNING, *SPACE UTILIZATION

Enrollments, building planning and the utilization of space is discussed and a contribution toward the development of a master plan for higher education in Illinois is made. The first section presents information regarding limitations or ceilings which institutions now have or plan to have on their enrollments, the additional enrollment capacities which were considered possible in the fall of 1962, projected enrollments to 1965 and to 1970 and related building plans for the same periods, and an estimate of the additional enrollments which will result from building construction by the state universities. The second section presents data on utilization of space by 56 institutions for total and permanency rating of that space, the functional use of space and total square footage by function, and the utilization of classrooms, laboratories, office space, libraries, and service and maintenance space. Section three contains further additions and procedures to be considered by the committee regarding physical facilities. Major spaces available in the physical plant are dealt with, both private and public institutions being represented. A graphical representation of the data regarding class size and classroom capacity for each institution, is included, together with graphs showing square feet per student clockhour of instruction. (RK)

Preliminary Report

PHYSICAL FACILITIES
Illinois Institutions

Master Plan Study Committee I - Physical Facilities

ED022323

EF 001368

September 3,1963

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U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

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September 3, 1963

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FOREWORD

The preparation by the several universities and colleges of the data involved in the preparation of this report on enrollments and building planning and on the utilization of space has required a very considerable effort. On the whole, the Committee has been gratified with the response from the private and public institutions which have devoted their staff time, energy and thought in obtaining and assembling the basic material in this study. The Committee appreciates their cooperation and expresses the hope that the final report and accompanying charts will prove helpful to each school.

All of the Committee members have contributed to the development of this study, but special acknowledgment and appreciation must be expressed to the University of Illinois, which, through the Director of the Central Office on the Use of Space, Mr. Harlan Bareither, and members of his staff, particularly Mr. John Cain, Mr. Gilbert Schleef and Mrs. Alice Westgard, as well as Mr. John Garlits of the University's Statistical Service Unit, gave direction to the time-consuming task of reducing the quantities of data to manageable proportions and form.

In the Teachers College Board office Miss Marjorie Westphal capably handled most of the communications with the participating schools.

If the report of the Committee makes a contribution toward the development of a Master Plan for higher education in Illinois, the Committee will be well rewarded.

F. H. McKelvey

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INTRODUCTION

Seventy-six institutions (78 including the Edwardsville Branch of Southern Illinois University and Navy Pier of the University of Illinois) were invited to participate in this study of enrollment and building plans and of space utilization.

Responses for the report on enrollment and building plans were received from sixty-eight institutions, with sixty-two usable responses although not all institutions answered every question. Six State Universities, two public teachers colleges, sixteen public 2-year colleges, seven non-public universities, twenty-six non-public colleges, and five non-public 2-year colleges, responded to this inquiry.

Responses for the report on space utilization were received from fifty-six schools; six of the State Universities but with eight reports, two of the public teachers colleges, eighteen of the public 2-year colleges, six of the non-public universities, nineteen of the non-public colleges, and five of the non-public 2-year colleges.

The construction of the physical plant facilities for higher education has required substantial expenditures and most projections indicate that fund requirements for the near future will continue to be large. The pertinence of a study on building plans and on the utilization of space now provided should be self-evident in relation to the development of an over-all planning approach for higher education in Illinois.

The first section of this report presents information regarding limitations or ceilings which institutions now have or plan to have on their enrollments; the additional enrollment capacities which were considered possible in the fall of 1962; the projected enrollments to 1965 and to 1970 and related building plans for the same periods; and finally, an estimate of the additional enrollments which will result from building construction by the State Universities.

The second section of this report presents the data on utilization of space by fifty-six institutions for total and permanency rating of that space; the functional use of space and total square footage by function; and the utilization of classrooms, laboratories, office space, libraries, and service and maintenance space.

Gymnasiums, auditoriums, student unions and bookstores, hospital and health services, and housing facilities for single and married students are included in the study but not analyzed in the preliminary report.

This utilization study has the merit of dealing with all the major spaces available in the physical plant, and the further merit of both private and public institutions being represented. It is unique in its attempt to present a graphical representation of the data regarding class size and classroom capacity for each institution, together with graphs showing square feet per student clockhour of instruction.

It should be observed that efficient utilization depends upon one or more factors which may prevent, deter or encourage high utilization. These may include the nature of the educational program, the kind of institution, the type and size of the student body, and the educational point of view of the governing board and its college administrators. In effect, each institution must determine its standard of utilization but it should be willing to be aware of the consequences of such decisions.

SECTION I

ENROLLMENTS AND BUILDING PLANS

Questionnaires were mailed to 76 institutions and were returned by 68, with 62 usable replies (6 State Universities, 2 public teachers colleges, 16 public 2-year colleges, 7 non-public universities, 26 non-public colleges, and 5 non-public 2-year colleges). Not all of the respondents, however, replied to all questions.

ENROLLMENT CEILINGS

The data in response to the inquiry concerning present enrollment ceilings, future ceilings and additional enrollment which was possible in 1962 are reported in Table 1. None of the six State Universities and neither of the two public teachers colleges has established a ceiling now on enrollment. Six of the 16 public 2-year colleges reported such a ceiling, but the ceiling given in most cases was for the day students only; this has no great significance, since the bulk of enrollments in these colleges consists of evening classes.

Of the 38 non-public institutions which responded to this question, 22 reported an established ceiling; some institutions indicated that the ceilings given were for day students only, for resident students only, or for undergraduates only. The Committee recognizes, therefore, some limitations on the actual ceiling figures given.

With regard to the establishment of future ceilings on enrollment, only one of the State Universities indicates it has established a ceiling (and this instance is known to be tentative). One of the public teachers colleges and one of the public junior colleges report planned future ceilings. Three of the non-public universities, six of the non-public colleges and two of the non-public junior colleges report planned ceilings in the future.

The returns seem to indicate that public institutions are more reluctant to establish a ceiling than private ones since they probably regard it as their obligation to provide for all qualified applicants over and above those who are accommodated at the private institutions.

ADDITIONAL ENROLLMENT CAPACITY, FALL 1962

How many additional students could have been accommodated in the fall of 1962 with existing facilities, as compared to the number enrolled? This question to the respondents inquired only regarding additional enrollment capacity so far as physical facilities were concerned--it asked the respondents to assume that an increase in staff would have been available.

While there was some tendency to qualify answers to the question regarding additional but unfilled capacity in the fall of 1962--for example, the assumption that student housing, too, would have been available, that additional evening classes would be possible, or that more part-time students could be accommodated--nonetheless, the Committee believes that the responses generally reflected some ability on the part of the institutions to have taken additional students.

Table 1 indicates the following number of students who could have been accepted in the fall of 1962:

Public

State Universities	3,671
Teachers Colleges	1,355
2-Year Colleges	6,853
	11,879

Non-Public

Universities	5,161
Colleges	5,927
2-Year Colleges	645
	11,733

The public institutions reporting in this study enrolled 102,686 students, and could have taken 11,879 more, or an increase of 11.5%. The non-public institutions reporting enrolled 75,326 students, and could have taken 11,733 more, or an increase of 15.5%.

If these percentages of increase are applied to the enrollment of all institutions in the State (including all not in this study or not reporting), and using for this purpose the enrollment data submitted by Committee A, the following estimate is obtained:

The public institutions enrolled 123,046 students, and could have enrolled an additional 14,150 with the applied increase of 11.5%, while the private institutions, which enrolled 96,697 students, with an increase of 15.5%, could have enrolled 14,988, or a combined total addition of 29,138 students.

The Committee hastens to say that it does not believe any great reliance can be placed on the actual numbers or upon this estimate except that it seems reasonable to conclude that apparently several thousand additional students could have been accommodated in the fall of 1962. These could have been placed in three of the State Universities, but chiefly in the public two-year colleges and the private universities and colleges. However, this could have occurred only _if_ the students had been distributed in the right places, at the right time of day, and, presumably, if most had been commuting students.

Table 1. Enrollment of Responding Institutions, Their Ceilings, Future Ceilings, and Additional Enrollment That Could Have Been Accepted in Fall of 1962.

Institution	Enrollment Fall, 1962	Enrollment Ceiling Now in Effect	Future Enrollment Ceiling and Date Effective	Additional Enrollment Possible, Fall, 1962
State Universities				
E.I.U.	3,435	None	None	465
I.S.N.U.	6,015	None	8,000(1970)	None
N.I.U.	9,137	None	None	None
S.I.U.-Carb.	11,619	None	None	None
S.I.U.-Edw.	4,625	None	None	1,875
U. of I.-Urb.	24,169	None	None	1,331
U. of I.-Chi.	4,597	None	None	None
W.I.U.	3,797	None	None	None
	67,394			3,671
Public Tchr. Coll.				
Chicago-North	1,645	None	3,000(1964-65)	1,355
Chicago-South	5,727	None	None	None
	7,372			1,355
Public 2-Yr. Coll.				
Belleville	2,238	600(day)		
Black Hawk	1,503			None
Bloom	759			600
Canton	469	350(day)		881
CCJC-Amundsen	3,038			1,800
CCJC-Bogan	3,156			644
CCJC-Loop	2,479		6,500	1,021
CCJC-Wright	7,695			1,305
Danville	554			250
Joliet	2,099	1,400		
LaSalle-Peru	398	350		
Lyons Twp.	914	430(day)		
Mt. Vernon	343			157
Southeastern Ill.	269			181
Thornton	1,720	700		
Wabash Valley	286			14
	27,920			6,853
TOTAL Public Insti.	102,686			11,879

(Table 1 - cont.)

Institution	Enrollment Fall, 1962	Enrollment Ceiling Now in Effect	Future Enrollment Ceiling and Date Effective	Additional Enrollment Possible, Fall, 1962
Non-Public Univ.				
Bradley	5,200	5,000	800(1970)1/	None
DePaul	8,187			1,330
Ill. Inst. Tech.	7,109		4,500(1970)2/	1,000
Ill. Wesleyan	1,181	1,500	1,500(1970)	319
Loyola	9,955		3/	2,000
Millikin	1,918		2,318(1990)	200
Northwestern	16,636	8,500 4/		312
	50,186			5,161
Non-Public Coll.				
Augustana	1,436			364
Aurora	1,125	800(day)		875
Blackburn	399	400		51
Carthage	541	725		350
Coll.of St. Francis	598	200(resid)		150
Elmhurst	1,693	1,000		900
Eureka	310			90
George Williams	416			134
Greenville	718	800		82
Illinois College	526	800		
Knox	1,140	1,250		10
Lake Forest	1,225	1,270		
MacMurray	971		1,100(1965) 1,200(1971)	47
McKendree	449	600		51
Monmouth	891	1,200		309
Mundelein	1,226	1,350		100
Nat. Coll. of Ed.	636	500(U.G.)		None
North Central	1,138		1,500(1974)	200
Principia	551	500		
Quincy	856			394
Rockford	1,346		1,200(day)	600
Rosary	978	900(U.G.)		
St. Procopius	656	1,000		100
St. Xavier	1,199		1,500(1972)	1,000
Shimer	280		550(1970)	120
Wheaton	1,913	1,600		
	23,217			5,927

1/ College of Engineering only.

2/ Figure refers to full-time students; 1,000 of these are to be graduate students.

3/ 400 in Sch. of Medicine by 1968; 480 in Sch. of Nursing by 1966; 480 in Sch. of Dentistry by 1970.

4/ Refers to Evanston Campus only.

(Table 1 - cont.)

Institution	Enrollment Fall, 1962	Enrollment Ceiling Now in Effect	Future Enrollment Ceiling and Date Effective	Additional Enrollment Possible, Fall, 1962
Non-Public 2-Yr. Coll.				
Kendall	404		1,000(1970)	346
Lincoln	473		750(1975)	2
Monticello	229	325		
St. Bede	114	120		
Springfield	703			297
	1,923			645
TOTAL Non-Public Inst.	75,326			11,733
GRAND TOTAL All Institutions	178,246			23,602

These enrollments are taken from the Froelich Report (Enrollments in Institutions of Higher Learning in the State of Illinois 1958-1962, dated November 15, 1962). They differ from the enrollments used by Committee A in that these are "on-campus" only, whereas those in Committee A include extension students. For the purposes of this table "on-campus" enrollment is more significantly related to building capacity.

PROJECTED ENROLLMENTS TO 1965 AND 1970 IF BUILDING PLANS ARE COMPLETED

The Committee asked the respondents also to estimate what the enrollment of their particular institutions would likely be by 1965, 1970, and 1975, provided they were able to complete their projected building plans.

The Committee received 38 usable replies showing the 1965 estimates on 40 campuses. (See Table 2.) The 1962 enrollment of these 40 campuses was, according to Froehlich, 113,395. With buildings under construction and/or financed, these same institutions estimated that their enrollments would total 149,413 by 1965, an increase of 31.6%. The State Universities indicated an increase from 67,394 in 1962 to 92,258 in 1965, an increase of 24,864. Thirty-four estimates for the year 1970 were received. In order to have a comparable sample, the enrollment of the remaining six campuses not reporting in 1970 but reporting in 1965 were assumed to remain the same. The results gave an increase of 70.9% over that of 1962. The 18 estimates for 1975 constituted, the Committee concluded, too small a sample to be used.

These estimated increases may be compared with the projections of Committee A which indicate the need for an expansion of 19.4% between 1962 and 1965, and of 69.4% between 1962 and 1970. Apparently no one can accuse these institutions of making "too little" plans; whether or not they are "too late" remains to be seen.

It is significant also that the tax-supported institutions are planning a much more rapid increase than the private institutions: 36.5% versus 21.6% by 1965, and 86.0% versus 39.9% during the 8 years of 1962-1970. The assumption is justified that the tax-supported institutions will expand in enrollment faster than the non-tax-supported.

Table 2. Projected Enrollments of Illinois Colleges and Universities for 1965 and 1970 (If Building Plans are Completed).

Institution	Enrollment		
	Actual for 1962	Projected for 1965*	1970*
State Universities			
Eastern	3,435	5,000	6,500
Illinois State Normal	6,015	6,500	8,000
Northern	9,137	15,000	22,000
Southern-Carbondale	11,619	14,691	16,343
Southern-Edwardsville	4,625	9,914	21,414
U. of I.- Champaign	24,169	27,000	27,000 1/
U. of I.- Navy Pier	4,597	9,000	20,000
Western	3,797	5,153	6,045
TOTAL-State Universities	67,394	92,258	127,302
Public 2-Yr. Colleges			
Canton	469	469	800
Chicago-Wilson	4,866	5,500	5,500
LaSalle-Peru	398	700	700 1/
Danville	554	1,000	1,000 1/
CCJC-Loop Branch	2,479	4,000	6,500
Mt. Vernon	343	500	500 1/
TOTAL-Public 2-Yr. Coll.	9,109	12,169	15,000
TOTAL Public Institutions	76,503	104,427	142,302
Percent Increase - 1965 over 1962		36.5%	
Percent Increase - 1970 over 1962			86.0%
Non-Public Universities			
DePaul	8,187	9,520	10,900
Illinois Wesleyan	1,181	1,300	1,500
Loyola	9,955	13,000	15,000
Millikin	1,918	2,118	2,318
TOTAL-Non-Public Univ.	21,241	25,938	29,718

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* Projections here were made by the institutions themselves.

1/ No estimates given by institution. Value for enrollment assumed to be the same as in 1965.

(Table 2 - cont.)

Institution	Enrollment		
	Actual for 1962	Projected for 1965*	1970*
Non-Public Colleges			
Augustana	1,436	1,400	1,700
Aurora	1,125	2,000	2,000
Carthage	541	650	725
College of St.Francis	598	800	1,000
Eureka	310	450	700
George Williams	416	750	1,000
Greenville	718	1,000	1,000
Knox	1,140	1,250	1,250
MacMurray	971	1,100	1,100
McKendree	449	600	900
Mundelein	1,226	1,350	1,500
Nat'l Coll. of Education	636	600	750
North Central	1,138	1,000	1,300
St. Procopius	656	750	850
Shimer	280	400	500
Illinois College	526	700	800
Lake Forest	1,225	1,270	1,270 1/
Principia	551	650	650 1/
TOTAL-Non-Public Coll.	13,942	16,720	18,995
Non-Public 2-Yr. Colleges			
Kendall	404	750	1,000
Lincoln	473	550	600
Springfield J. C.	703	703	1,000
Monticello	229	325	450
TOTAL-Non-Pub. 2-Yr. Coll.	1,809	2,328	3,050
TOTAL All Non-Public Inst.	36,992	44,986	51,763
Percent Increase - 1965 over 1962		21.6%	
Percent Increase - 1970 over 1962			39.9%
GRAND TOTAL - All Institutions	113,495	149,413	194,065
Percent Increase - 1965 over 1962		31.6%	
Percent Increase - 1970 over 1962			70.9%

NOTE: A number of institutions are not reported because their replies failed to give projected estimates or were unusable responses.

* Projections here were made by the institutions themselves.

1/No estimates given by institution. Value for enrollment assumed to be the same as in 1965.

PROJECTED BUILDING PLANS

The questionnaire included an inquiry concerning the building plans of colleges and universities for the 1962-1965 period, the 1965-1970 period, and the 1970-1975 period. Very few of the institutions dared to project building plans for 1970-1975, and this part of the inquiry is therefore omitted in this report.

Answers for the other two periods from the 68 institutions that responded are presented, by categories of institutions, in Table 3.

In summary, it appears that a very extensive building program is being projected by both public and private colleges and universities for both academic and non-academic buildings, and for both the 1962-1965 and 1965-70 periods. This inquiry did not include any question as to the size or cost of these buildings, but it is evident that college administrators and their boards of trustees are aware of the pressure for additional space and that by the erection of these 171 new buildings by 1965 and an additional 174 by 1970 they are getting ready for the 161,000 added students which according to Committee A will be enrolled by 1970.

It is interesting to note, also, that the greater proportion of these projected buildings are academic (198) rather than non-academic (147). It is also apparent that many of these buildings are now in actual use, for 62 were in process of construction in the fall of 1962, and 45 more were planned and financed at that time.

Of the 171 buildings planned for completion by 1965, nearly half (87) are on State University campuses. More detail concerning these buildings is given in the next section. This same ratio holds for the 1965-1970 period in spite of the fact that no report was made for the

Urbana campus of the University of Illinois (1965-1970 plans for Urbana dependent upon Master Plan Study). About 44% of the buildings for 1962-1965 are being planned by the non-public institutions.

There seems to be no doubt but that the colleges and universities of Illinois, both private and public, are taking seriously the challenge of the prospective increase in the demand for a college education, and are preparing, at least in planning, to meet it "with all deliberate speed."

EFFECT OF THE STATE UNIVERSITIES BOND ISSUE ON BUILDING PLANS

The question as to just how many additional students these projected buildings mentioned in Section I will accommodate is partially answered by another inquiry directed, this time, only to the State Universities. Each was asked to indicate the number and type of building, and the size and cost of each, which will be erected as a result of the approval by the voters in 1960 of the $195,000,000 bond issue, and the approximate number of additional students which this will enable each University to enroll. The results are given in Table 4.

It appears that according to these estimates the six State Universities will be able to accommodate an additional 26,241 students by 1965, an increase of 38.9%, which is very similar to the expected increases (24,864) they reported in Table 2. In doing so, they will use a substantial part of the $195,000,000 bond issue money plus some $67,500,000 of other funds (derived mostly from revenue bonds and from Federal government grants), and will build over 9,500,000 square feet of floor space, or some 368 square feet per student. This includes, it should be realized, not only "teaching space" for undergraduates, but a great deal of specialized space to be used for graduate and faculty research, and much space for offices, for housing, for food and health services, and for athletics, physical education, and recreation.

It is of interest to note that costs per square foot within the Universities ranged from $17.60 to $34.24, with a median cost of $22.53. However, the top figure of $34.24 included moveable equipment costs, which the others excluded. It should also be observed that the cost per square foot shown here is an average, taking all types of buildings together.

Table 3. Building Plans of Illinois Colleges and Universities for 1962-1965 and 1965-1970.

Respondents were instructed to use the following code for indicating the present status of buildings:

a. Under construction
b. Planned and financed -- money in hand or appropriated
c. Planned, and financing assured, i.e. the building is in the general campus plan and money has been promised. (No state institution should use "c" for buildings for which it eventually expects state financing.)
d. Planned (in general campus development, but financing is not yet assured).

		1962-65			1965-70		
		Academic	Non-Acad.	Total	Academic	Non-Acad.	Total
State Universities	a.	20	17	37	0	0	0
	b.	23	14	37	2	2	4
	c.	2	2	4	0	0	0
	d.	4	5	9	49	35	84
TOTAL		49	38	87	51	37	88
Public 2-Year Coll.	a.	3	0	3	0	0	0
	b.	0	0	0	0	0	0
	c.	4	0	4	0	0	0
	d.	2	0	2	1	0	1
TOTAL		9	0	9	1	0	1
Non-Public Universities	a.	2	3	5	0	0	0
	b.	0	2	2	0	0	0
	c.	1	0	1	12	4	16
	d.	1	3	4	3	1	4
TOTAL		7 1/	9 1/	16 1/	16 1/	7 1/	23 1/
Non-Public Coll.	a.	7	7	14	0	0	0
	b.	4	2	5	0	0	0
	c.	4	7	11	0	0	0
	d.	11	13	24	32	21	53
TOTAL		26	29	55	32	21	53
Non-Public 2-Year Coll.	a.	2	1	3	0	0	0
	b.	0	0	0	0	0	0
	c.	0	0	0	0	0	0
	d.	1	0	1	4	5	9
TOTAL		3	1	4	4	5	9
TOTAL PUBLIC		58	38	96	52	37	89
TOTAL NON-PUB.		36	39	75	52	33	85
GRAND TOTAL		94	77	171	104	70	174

1/These totals include three academic and one non-academic for 1962-65 and one academic and two non-academic for 1965-70 (Illinois Institute of Technology)which were not designated as either a,b,c, or d.

Footnotes, Table 3:

The report from one college was not identified.

All of the six state universities reported for 1962-1965, all but the University of Illinois, Urbana-Champaign, reported for 1965-1970, and only Northern and Western reported for 1970-1975.

Both of the public teachers colleges returned replies but indicated no building plans.

Of the public two-year colleges, all of the 23 reported except Centralia, Crane and Fenger branches of the Chicago City Junior College.

All of the nine non-public universities reported except the University of Chicago.

All of the 31 non-public colleges reported except Concordia Teachers, Elmhurst, North Park College and Theological Seminary, and Olivet Nazarene.

All of the five non-public two-year colleges reported.

Of the 76 colleges and universities in the State of Illinois, 68 reported.

Table 4. Data Regarding Buildings at the Eight State University Campuses Which Will Be Erected 1962-1965 with 1960 Bond Issue and Other Funds.

Institution	No. Bldgs.	Funds from Bond Issue	Funds from Other Sources(1)	Total Funds	No. Sq. Ft.	Cost Per Sq. Ft.	1962 Enroll't	1965 Anticipated Enroll't	Increase in Enroll't
EIU	5	6,000,000	1,300,000	7,300,000	349,245	20.90	3,435	6,000	2,565
ISNU	12	12,344,744	6,659,503	19,004,247	1,079,766	17.60	6,015	8,000	1,985
NIU	14	12,917,000	15,700,000	28,617,000	1,333,845	21.45	9,137	14,500	5,363
SIU Carb.	8	21,538,462	9,404,230	30,942,692	1,373,639	22.53	11,619	14,469	2,850
SIU Edw.	5	20,680,945	5,971,000	26,651,945	830,778	32.08	4,625	9,713	5,088
U of I U.-C.	30	68,541,265	8,814,918	77,356,183	2,259,099	34.24(3)	24,169	26,800	2,631
U of I Chi.	8	34,611,036	9,723,697	44,334,733	1,478,652	29.98	4,597	9,000	4,403
WIU	10	5,576,000	9,983,671	15,559,671	828,156	18.79	3,797	5,153	1,356
TOTAL	92	182,209,452(2)	67,557,019	249,766,471	9,533,180	22.53 (Median)	67,394	93,635	26,241
Percent Increase									38.9%

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(1) It is not assumed that this list is complete for each university.
(2) The remainder of the $195,000,000 is being used for the rehabilitation of existing structures, and for the purchase of land, etc.
(3) Includes moveable equipment costs.

SECTION II

UTILIZATION OF EXISTING SPACE

This section reports on the inventory and utilization of all space at each institution and represents the conditions that existed as of the third week of the fall term 1962. Due to the date of this data collection, very few, if any, of the buildings to be supplied by the Bond Issue were reported, since construction of these buildings was not completed. Thus, these data give a very good indication of the degree to which institutions may utilize their facilities. The data on each institution were collected by a member of the institution and the summarized schedules were prepared by Committee I - Physical Facilities. During the summarization any discrepancies that were found in the data were rectified by telephone conversations between members of the Committee and the member of the institution that completed the original data. It must be recognized that the information in this report was prepared by many people, some of whom were quite experienced in reporting on space utilization data and some of whom were reporting on space utilization for the first time. It is the opinion of the Committee that the data as reported are reasonably reliable and accurate.

This section of the report is arranged giving the analysis of the data obtained in the beginning, with references being made to schedules and normative data and graphs that are at the end of the report. Seventy-six institutions were invited to participate in the Master Plan Study; fifty-six institutions had sent data in time to be included in this report. Of the fifty-six institutions, fifty-eight sets of data are supplied, as the University of Illinois is divided into the Urbana-Champaign campus and the Chicago campus, and Southern Illinois University is divided into the Carbondale campus and the Edwardsville campus. The study does not include space in agricultural field buildings, airport buildings, and buildings of the medical, dental or pharmacy colleges. Since the preparation of this report, additional data have been obtained from three other institutions, and if at all possible, these will be included in the final report.

In preparing the summary schedules, it was determined that some institutions share their facilities with high schools. As such, these data distort the mean and median values. The decision was made to record all data on these institutions in a separate category titled "Institutions with Shared Facilities." Data on these institutions are given at the end of each schedule, but not in the totals.

TOTAL FACILITIES AT EACH INSTITUTION

Schedules A1 and A2 give data on the gross non-residential space at each institution. This space is the total space at the institution less the residence halls for single and married students.

Schedule A1 categorizes this total space by permanency rating according to the following schedule:

A1. A permanent masonry, fire resistant building that is part of the major campus plan and will require only normal maintenance.

A2. A permanent masonry and frame building (masonry facing and wood framing) that is part of the major campus plan and will require only normal maintenance.

A3. A permanent frame building that is part of the major campus plan and will require only normal maintenance.

A4. A permanent building not listed above that is part of the major campus plan but which will require extensive remodeling in the next 10 years (above $5.00 per square foot).

A5. A building that is part of the major campus plan but does not fit categories on preceding page.

B. A building not in the campus plan that will be retained for 10 years although it may be on a future building site.

C. A building which is planned to be retained for less than 10 years.

Probably the most significant permanency ratings in this schedule are those of the "A4" and "C" rating. The "A4" category indicates that space which will require extensive remodeling - 1,260,409 square feet in the case of the State-supported institutions, and 230,607 square feet in the remaining institutions. Some of this space is to be remodeled using monies of the Bond Issue, but undoubtedly additional monies will be required for the remodeling that will be proposed in the next 10 years.

The "C" category indicates that space which will not be retained beyond 10 years. The total "C" space is 1,747,923 square feet, which is quite high. This is due to the space at Navy Pier being reported as "C" space as this will be returned to the City of Chicago after Congress Circle is completed, and the space at the Alton Center and the East St. Louis Center being reported as "C" space and which Southern Illinois University tentatively plans to release after the

Edwardsville campus is completed. After these two values are subtracted, the remaining "C" space that must be replaced in 10 years is 1,005,434 square feet.

Schedule A2 gives the same data as Schedule A1, but indicates the percentage of each type of space by permanency rating. Permanency rating "A5" in general denotes leased space.

SPACE BY FUNCTION

Schedules B1 and B2 give data on net non-residential building space by function as reported by the various institutions. The classifications by function include that space which is allocated to: 1) classrooms and service to classrooms; 2) teaching laboratories and service to teaching laboratories; 3) gymnasium, pool, and drill hall space with accompanying service areas; 4) offices, including conference, storage and files; 5) library; 6) research; 7) and other. The "Other" category may be best described by stating that it includes all other non-residential space at the institution except the six specified categories. In some institutions this includes laboratory school space, exhibit and museum space, warehouse space, athletic association space, publishing company space, etc.

Schedule B1 gives the total square footage by function and Schedule B2 gives the percentage of the building space allocated by function. The data show that the sum of the percent of building space allocated to classrooms and teaching laboratories varies from 20.3% to 27.5% for all of the State Universities with the exception of the University of Illinois, Navy Pier and Western Illinois University, which are 33.8% and 32.6% respectively. No explanation is apparent for these schools other than some of the programs offered must require large amounts of laboratory space. In examining Schedule B2, the percent of building space allocated to the function of "Other" is very high in the four State Universities under the Teachers College Board. This is due to laboratory schools being included in this category. Some of the State Universities have a very large program involving the laboratory schools, which reflect a greater percentage of the total space. The percentage of total space that is allocated to the laboratory school for the State Universities is shown below:

	Percent of "Other" Space Allocated To: Laboratory Schools	Remaining
Eastern Illinois University	38.8	18.8
Illinois State Normal University	30.4	23.6
Northern Illinois University	21.4	29.3
Southern Illinois University-Carbondale	8.2	23.8
Southern Illinois University-Edwardsville	----	45.7
University of Illinois, Urbana-Champaign	0.7	16.0
University of Illinois, Navy Pier	----	24.2
Western Illinois University	22.8	16.4

Also, an examination of the percent of office space for these Teachers College Board Universities indicates that the value is quite low. A further check reveals that in many cases offices were a part of the classrooms in the laboratory schools and were included within the total figure. This would indicate that any type of standard or factor proposed for office space on the basis of full-time equivalent staff should treat separately those personnel housed in the laboratory school.

These data also indicate that the type of program offered at an institution defines the allocation of space by function. For example, the University of Illinois, Urbana-Champaign with its comprehensive research program shows 22% of the space allocated for that function whereas the institutions with comprehensive programs in teacher education show as much or more of their space allocated for the laboratory school function.

CLASSROOM UTILIZATION

Schedules C1 through C7 give data on classroom utilization at all of the institutions. Schedule C1 gives the summary of the total area devoted to classrooms and service area to classrooms at each institution, and gives the average room period usage per week and total student clockhour usage per week over the periods of time from 7AM to 5PM, and 5PM to 10PM. This division was made to indicate the degree of evening usage in all of the institutions and to clearly designate those institutions within the State that have a heavy evening program. In this schedule, data are given on the square feet per station at each of the institutions. The mean values by groups of institutions and by the State as a whole are given. The square feet per station vary from 10.5 to 25.0 with a mean value of 16.0 for all of the institutions. The schedule also gives the square feet per enrolled student. It is interesting to note that these values do not show the great variation between institutions indicated by the percentage distribution of classroom space in Schedule B2. This may be interpreted to mean that classroom space arrangements and amount required per student are very similar in all institutions regardless of size or educational program.

Schedule C2 gives the average room period usage per week of classrooms for the period 7AM to 5PM, Monday through Friday, and 7AM to 12 Noon on Saturday. This usage will be referred to as 7AM to 5PM usage (and represents a 55-hour week). Also included in Schedule C2 is the weighted room period usage from 5PM to 10PM as a percentage of the 7AM to 5PM usage, which is determined by the following formula:

$$\frac{\text{5PM-10PM usage}}{\text{7AM-5PM usage}} \times \frac{55}{25} \times 100\% = \text{weighted room period usage}$$

where 55 and 25 are the maximum number of hours available in the 7AM-5PM and 5-10PM periods respectively. Note that these percentages indicate only the relationship of evening to day classes at each institution and therefore are not a measure of efficiency. A value of 100 percent indicates the same degree of scheduling in the evening as in the daytime. In the State Universities these percentages vary from 0% at the University of Illinois, Navy Pier, to 120.0% at Southern Illinois University, Edwardsville. The former reflects a policy decision to offer no evening classes; the latter reflects a commuter-oriented program.

The data show that Northern Illinois University and Southern Illinois University - Carbondale schedule their classroom facilities in the evening to an intensity of approximately 55% of the daytime scheduling. This indicates that it has been possible to schedule evening classes at residential-type institutions on an average of about seven room periods per week. The fact that an institution schedules classes in the evening does not necessarily mean that the facilities are scheduled the most efficiently during the day. For example, in the State Universities, Southern Illinois University - Carbondale has an average room period usage 7AM-5PM of 25.6 and Northern Illinois University has an average room period usage of 27.1, whereas the University of Illinois - Urbana-Champaign with a value of 31.1, University of Illinois - Navy Pier with a value of 33.7, and Western Illinois University with a value of 27.6 all show better room period usage per week during the 7AM-5PM period. With the exception of Northern Illinois University, the University of Illinois - Navy Pier with an average room period usage of 33.7 hours per week from 7AM-5PM and no evening classes has a higher scheduled usage of classrooms than the total usage for any of the other State Universities that conducted evening classes, the total for Eastern Illinois University being 26.3; Illinois State Normal 29.7; Northern Illinois University 33.9; Southern Illinois University - Carbondale 32.1; Southern Illinois University - Edwardsville 29.6; University of Illinois - Urbana-Champaign 32.3; and Western Illinois University 29.5. Wright Junior College reported the maximum average room period usage of any institution in the State - 38.9 hours per week from 7AM to 5PM and almost an equal percentage of scheduling during the 5PM to 10PM period. The mean room period usage for the entire State was 21.2 hours per week. Tables of normative data (Doi and Scott - July, 1960) on usage of classrooms and laboratories are presented on pages N1-5 for comparison with values reported by Illinois insitutions in this report. Only data at the 50th percentile and above are shown. In referring to these tables of normative data it should be kept in mind that they are based on only that classroom and laboratory area used for instruction, whereas the values submitted in this report also include service areas. (Projection booths, preparation rooms, etc.) Accordingly, the values for the institutions in Illinois will be higher in any normative data that involves square footage. Normative data for room period usage appear on page N-2. As these data are given for three sizes of institutions, it is difficult to give one value that will be applicable to all sizes. Hence, each institution can determine its position in relation to the normative data by examining the appropriate column.

From an examination of the normative data it would appear that classroom scheduling at some institutions could be higher, but it must also be kept in mind that increased usage of classrooms will require more teaching staff which will generate a need for office, library, research space, etc., in addition to that already provided. An examination of Schedule B2 will indicate that these categories of space vary from 28 percent to 60 percent of the total net non-residential space, and thus an increase in scheduling of classrooms by 20 percent may mean an additional increase of total net non-residential space by approximately 5 percent to 12 percent.

Schedule C3 gives the average number of student hours per week per station in classrooms from 7AM to 5PM. This schedule gives the number of hours per week that each classroom would be used if every station in the classroom were used when it was scheduled. This schedule can be greatly influenced by the manner in which the number of stations per classroom is reported. In some cases an examination of the data supplied indicated that although a classroom was listed as having a capacity of 30, at some times as many as 40 students were scheduled in the room. If this occurred to a great extent, the data in Schedule C3 would appear to be quite high. Another interpretation of this schedule is that if the number of stations represented is assumed to be correct, the classrooms are much too large for the size class being taught. Normative data on student hours per week per station are given on page N-2 at end of report.

Schedule C4 is a combination of both Schedules C2 and C3 in that it gives the percent of student stations in use when the rooms were in use. These data indicate that it is possible to utilize 80% of the stations when the room is in use, but with a median value of 55.9% and an average value of 56.4%, the 80% value appears to be a higher planning figure than can be normally achieved and may be undesirably high utilization. Normative data on percentage of student stations used when rooms were actually in use are given on page N-3 at end of report.

Schedule C2 has shown the degree to which classrooms can be scheduled throughout the week, and Schedule C3 and C4 indicate how well the rooms were utilized when they were in use. Schedule C5 gives the square feet of assignable floor space per 100 hours of student occupancy from 7AM to 5PM. This schedule gives a good index of the classroom scheduling and utilization in one number. For example, a room having 600 square feet of floor area scheduled 30 hours per week with as average class size of 20 would yield the result of 100 square feet per 100 hours of student occupancy. However, if there were two rooms of 600 square feet of area and one was equipped with 30 stations and the other room with 40 stations, the data in Schedules C2, C3, C4, and C5 would be presented as follows:

	Room	A	B
	Area Square Feet	600	600
	Number of Stations	30	40
	Average Class Size	20	20
Schedule C2 -	Room Periods Per Week	30	30
Schedule C3 -	Student Hours Per Station	20	15
Schedule C4 -	Percent of Stations in Use When Room is in Use	67	50
Schedule C5 -	Square Feet of Assignable Floor Space Per 100 Hours of Student Occupancy	100	100

The above tabulation shows the manner in which Schedules C3 and C4 may be influenced by the number of stations in a room, whereas the data in Schedules C2 and C4 give the same values in both cases. Furthermore, the value of assignable floor space per 100 hours of student occupancy is very useful in projecting the future classroom space requirements for institutions if the number of student clockhours in classrooms is known. The lower the value of square feet of assignable floor space per 100 hours of student occupancy, the more efficient is the utilization of the space. The median for the entire State is 128 square feet per 100 student clockhours and the mean is 149 square feet per 100 student clockhours. The mean for the State Universities is 108 square feet per 100 student clockhours. This value agrees very closely to the value of 110 square feet per 100 student clockhours that was given for the State Universities in Ohio in a report titled, "Ten Year Building Needs for Higher Education in Ohio 1962-72," by John Jamrich and Harold Dahnke. Normative data on the square feet of assignable space per 100 hours of occupancy of classrooms are given on page N-3 at end of report.

As mentioned previously, the value of square feet per student clockhour gives in one number an index which includes both the scheduled usage and the station utilization. For example, let us again consider the 600 square foot classroom. If this room had 36 stations and was scheduled 36 hours per week with 50 percent of the stations utilized, the value would be 92.5 square feet per 100 student clockhours.

$$\left(\frac{600}{((36 \times .5) \times 30} \times 100 = 92.5 \text{ feet per 100 student clockhours}\right)$$

On the other hand, if this same room were scheduled only 30 hours per week, but the stations were utilized 67 percent, the square feet per 100 student clockhours would be 83.3 square feet per 100 student clockhours, more effective utilization than the previous example.

$$\left(\frac{600}{((36 \times .67) \times 30} \times 100 = 83.3 \text{ feet per 100 student clockhours}\right)$$

In examining the data in Schedule C5, the values range from 356 square feet to 60 square feet per 100 student clockhours. The 60 value is for Wright Junior College and the next lowest value is 84, which has been attained by both Northern Illinois University and the University of Illinois - Urbana-Champaign. This usage indicates that about the best overall usage obtained by institutions in the State of Illinois is equivalent to 30 hours per week scheduling and 67 percent of station utilization. If these values were selected in the State of Illinois, planning of classrooms would be based upon a standard of 83.3 square feet per 100 student clockhours of classroom instruction. (Data from other states indicate that the State of Wisconsin has selected 30 hours per week scheduled usage in classrooms with 67 percent of stations being utilized and the State of California has selected 30 hours per week scheduled usage in classrooms with 60 percent of stations being utilized.)

Data are also given on the assignable floor space per 100 student clockhours of occupancy by the size of room. The values fluctuate over the range from sizes within institutions. This is probably because classrooms have been constructed in sizes not compatible with the teaching program that is presently being conducted.

Schedule C6 gives the average room period usage of classrooms by room size and can be used in conjunction with Schedule C5. It is interesting to note that although the rooms 251 and above were scheduled fewer periods than some of the other rooms, the square feet per 100 student clockhours of occupancy is still comparable. For example, at the University of Illinois - Urbana-Champaign, the rooms 251 and over were scheduled only 25.8 hours per week and the rooms 1-30 were scheduled 31.5 hours per week. The square feet per 100 student clockhours for the rooms 251 and over were 79 and for the rooms 1-30, the value was 84. This can be attributed to the smaller amount of space per station required in the larger rooms; however, the stations in the larger rooms must be utilized to at least the same degree as in the smaller rooms.

Schedule C7 gives the distribution of class period meetings per week by the class size for all of the institutions. The data are arranged to give an accumulated percentage for the classes. It is interesting to note that in almost all cases approximately 80 percent of the classroom instruction is conducted in class sizes of 40 and under. These data can very well be used by institutions to indicate the classroom sizes required for their teaching program.

GRAPHICAL REPRESENTATION OF CLASSROOM DATA

A graphical representation of the data in Schedules C5 and C7 is given for the State Institutions in Figures 1-1 through 1-8. Graph A is presented to give an indication of the fit of the actual classroom size with the actual class size at the institution. The "Class Size" curve is obtained from the data of Schedule C7; and referring to the data on Eastern Illinois University as an example, 7.2% of the classes are between 1 and 10 in size and 33.6% of the classes are in class sizes of 1 to 20. Thus these values are cumulative values, and reading this curve, it can be determined that 72.3% of the classes offered at Eastern Illinois University are of a class size of 30 and under. This curve ("Class Size") then represents the teaching program at the University, and indicates that 72.3% of the classrooms constructed at the University should be for a class size of 30 and under.

The other curve titled "Capacity" illustrates the distribution of the classrooms on the campus by capacity. In theory, if the geographical location of the classroom on the campus were such that the time between classes presented no problem in going from one classroom to the other, and if it were possible to schedule all of the classrooms equally with the small classes in the small classrooms, and if the classroom capacity were exactly filled at each time, the two curves would appear as one. However, if the capacity of the classroom is greater than the actual class size, the "Capacity" curve will be shifted to the right. In the example of Eastern Illinois University, the "fit" is such that by the time all 30 size classes are scheduled, all 38 station classrooms will be used.

As mentioned before, a large gap between these two curves would normally suggest that more efficient classroom utilization could be effected by subdividing classrooms of larger capacity. However, additional investigations may be necessary to determine if the number of stations has been reported correctly, because if an institution has reported the classroom capacity as a given number of stations per room and then scheduled a larger number of students in that room at various times, these two curves would appear to be much closer.

To determine if there is excessive crowding, Graphs B and C are presented to give the square feet per student clockhour of instruction. If there is excessive crowding, a small value for square feet per student clockhour of instruction will be shown. The information given on Graph B is the amount of square feet per student clockhour of instruction for the various sizes of classrooms. These data are obtained from Schedule C5 and are shown as a point-to-point curve illustrating the usage for the various room sizes. An extreme variation to the right on this curve indicates a poor usage of that group of rooms, and it may be well for the institution to determine if some alterations in size should be made to this group of rooms. Graph C gives a cumulative percentage for each of the rooms and the end point indicates the overall classroom operation of the institution.

The data for Figure 2-1 are obtained from Schedule C5 and represent the square feet per 100 student clockhours of occupancy for each institution by group. The average for each group is given by a dashed line and the average for the entire State is shown at the top of the page.

In summary, it is believed that a standard of "square feet of assignable floor space per 100 hours of student occupancy" could be used to project the total classroom needs of an institution and the size of rooms could be predicted by the data supplied in Schedule C7, or Graph A for that institution.

TEACHING LABORATORY UTILIZATION

Schedule D1 gives a summary of the total teaching laboratory space and utilization of that space during the periods of 7AM-5PM and 5PM to 10PM. The total area includes all service areas, animal rooms, greenhouses and animal stalls, if applicable, in addition to the actual laboratory area that is used for instruction. Included in this summary are the square feet per station and the square feet per student for each institution. There does not appear to be any correlation between square feet per student and square feet per station. This is probably due to the varied type of programs that are conducted by each institution.

Schedule D2 gives the average room period usage per week of teaching laboratories for the period of 7AM to 5PM and the weighted usage 5PM to 10PM in terms of the 7AM to 5PM usage. It is readily apparent that teaching laboratories are not scheduled as heavily as the classrooms. This is to be expected, as a teaching laboratory is generally space that has special equipment installed and often is used only by the department to which it is assigned. Wright Junior College reported the maximum usage of 30.4 hours per week and the State average is 14.3 hours per week with the median being 13.3. The State of Wisconsin uses 24 hours per week usage with 80 percent of stations utilized as their planning standards for teaching laboratories and the State of California is using 20 hours per week usage with 80 percent utilization. This schedule again shows that Northern Illinois University and Southern Illinois University conducted the largest amount of evening classes within the residential State Universities. Normative data are shown on page N-4.

Schedule D3 gives the average number of student hours per week per station in teaching laboratories. This indicates the number of hours per week that a laboratory would have been scheduled if every station in the laboratory were occupied. Normative data are shown on page N-4.

Schedule D4 gives the percent of student stations in use when the teaching laboratories were in use over the period of 7AM to 5PM. A comparison of this schedule with Schedule C4 shows that the station utilization in laboratories is much higher than in classrooms. This is to be expected as the laboratories, being much more specialized, are designed for a given size section, and, in general, the section is completely filled before a new section is opened. From these data it would appear that it would not be unreasonable to set as a standard 80% of the stations being utilized when in use. Normative data are shown on page N-5.

Schedule D5 gives the square feet of assignable floor space per 100 hours of teaching laboratory occupancy. This assembles into one index both the scheduling and the utilization of the space when scheduled as depicted in Schedules D2, D3, and D4. As can be determined, the values vary over quite a range. This could be expected as the type of program offered could influence the type of laboratory space required. For example, a drafting room which is normally for lower level (Freshmen-Sophomore) work may require only 170 square feet per 100 student clockhours of instruction, whereas a mechanical engineering power laboratory for upper level (Junior-Senior) students may require as much as a thousand square feet per 100 student clockhours of instruction. Normative data are shown on page N-5. As mentioned before, these normative data give information on the laboratory space only and do not include the auxiliary space. In some institutions the auxiliary space may run as high as 40 percent of the actual instructional laboratory space.

A recent report on the "Ten Year Building Needs for Higher Education in Ohio 1962-72," by John Jamrich and Harold Dahnke gives the following data and recommendations on laboratory space (auxiliary space not included). The present laboratory space per student clockhour of instruction is 4.6. In 1966 this should be reduced to 4.0 and subsequently in 1972 this should be reduced to 3.0. This point is made to indicate how another state is making plans for teaching laboratory space. This method may be applicable to the State of Illinois. However, it is the opinion of the Committee I - Physical Facilities that some attempt should be made to determine laboratory space requirements based upon subject field (engineering, biological sciences, physical sciences, etc.) and level of instruction (Freshmen-Sophomore, Junior-Senior, and Graduate) before adopting any standards.

OFFICE SPACE

Schedule F1 gives a summary of the total office space (including file, storage and conference space) and the classification of the occupants within that space. In general, where the institutions separated the office space from the file, storage and conference space in their report, it was found that the file, storage and conference space comprised approximately 10 percent of the actual office space that was occupied by personnel. This schedule also gives the square feet per occupant, which for the State Universities varied from about 66 square feet to 127 square feet per occupant. These values include full-time academic, part-time faculty and graduate assistants, and non-academic staff. Southern Illinois University - Carbondale, and the University of Illinois - Urbana-Champaign, reported the largest number of part-time faculty and graduate assistants. Usually the graduate assistant is on a half-time appointment, and as such, it would take two part-time assistants to make a full-time equivalent. If the assumption were made that all the part-time faculty and graduate assistants were on half-time appointments and all other personnel were on full-time appointment, an average office space available for all classifications of staff on a full-time equivalent basis could be calculated. This would give a new square foot per full-time equivalent which would be as tabulated below for the State Universities:

Eastern Illinois University	127.5
Illinois State Normal University	105.8
Northern Illinois University	110.8
Southern Illinois University - Carbondale	74.8
Southern Illinois University - Edwardsville	121.4
University of Illinois - Urbana-Champaign	118.8
University of Illinois - Navy Pier	107.7
Western Illinois University	128.8

Schedule F2 is a summary of the office area that is occupied by full-time academic personnel only. These data were obtained from each institution's report by checking each room and recording data for those rooms which contained only full-time academic personnel. The philosophy for this action was the theory that those offices containing only academic personnel with no graduate assistants or non-academic personnel within them would be in all probability the best conditions that an institution could provide for its academic staff. The weighted mean value for the State Universities is 116 square feet per occupant. The weighted mean for all of the institutions is 115 square feet. The total area in Schedule F2 does not include any conference room, file or storage space, and as such, a factor should be added to this area per occupant to obtain a total value. If 10% were added to the weighted mean square feet per occupant value of the State Universities, the office space requirements would be 128 square feet per occupant. If the total State weighted mean value were used, the office space requirements would be 127 square feet per occupant.

Schedule F3 was obtained in the same manner as Schedule F2, but gives those offices occupied by part-time faculty and graduate assistants. This schedule is given to depict the office situation for this classification of faculty. For the State Universities the weighted mean of square feet per occupant is 54.8, and the mean is 88.5. Considering again that most of these are on half-time appointments, the weighted mean would indicate an office requirement of approximately 100 square feet per full-time equivalent. In comparing this with Schedule F2, it would appear that the office space requirements for part-time people could be calculated on a full-time equivalent basis similar to those that are on a full-time basis.

Schedule F4 gives the office area occupied by non-academic personnel. These data were obtained in the same manner as that for Schedule F2. For the State Universities, the weighted mean of the square feet per occupant is 97.4, and the mean value is 118. Again, the square feet per occupant do not include conference room, file and storage space requirements, which probably are higher in the non-academic offices than in the academic offices.

In examining Schedules F2, F3, and F4, it would appear that a common value of square feet per full-time equivalent could be used as a standard for office space requirements of all personnel at an institution. This standard should be large enough to include the space required for files, storage and conference rooms. Within an institution, once the boundary conditions of office space requirements are determined, any department or administrative unit could occupy its space in any manner it desired. For example, the head could have a 250 square foot office, but this in turn would mean that some other staff member may only have an 80 square foot office or two people may be sharing a 150 square foot office.

Schedule F5 gives the distribution of office space for faculty and staff of academic departments by number of occupants per room. This schedule is offered to illustrate the degree of office crowding within each institution as it is generally recognized that it is desirable to have no more than two occupants per academic staff office. Throughout the State institutions the percentage distribution of rooms with occupants with three or more range from 7% to 42%. It must be remembered that a greater percent of the faculty is in the multiple-station offices than the data seem to indicate, as a 6% value of office rooms with four occupants in them is equivalent in the number of people officed to a 12% value in the offices with two occupants.

LIBRARY SPACE

Schedule G gives a summary of the library space at each institution by categories of stack and service area, reading and study area, and carrel area. Data on the number of bound volumes and the number of periodicals are also supplied.

In addition, the square footage of each of these categories of space per enrolled student is given. In re-examining Schedule G, it appears that probably a better tabulation on the stack and service area required would be to determine the area per number of volumes as the stack area is dependent upon the volumes that exist at the institution. A tabulation of these values for the State Universities is given below:

Institution	Sq.Ft./Bound Vol.
Eastern Illinois University	.092
Illinois State Normal University	.111
Northern Illinois University	.100
Southern Illinois University - Carbondale	.087
Southern Illinois University - Edwardsville	.105
University of Illinois - Urbana-Champaign	.075
University of Illinois - Navy Pier	.148
Western Illinois University	.136

Data from the "Restudy of the Needs of California in Higher Education" indicate the following basis for calculating areas to house bound volumes, including work areas.

First 150,000 volumes	0.10 net sq. ft./volume
Second 150,000 volumes	0.09 " " " "
Next 300,000 volumes	0.08 " " " "
Next 400,000 volumes	0.07 " " " "
Second 1,000,000 volumes	0.05 " " " "

Applying these values to the State Universities the requirements for stack and service space would be:

	No. of Bound Volumes	Sq. Ft. of Stack & Service Area	
		Required	Existing
Eastern Illinois University	117,164	11,716	10,894
Illinois State Normal University	250,000	24,000	27,667
Northern Illinois University	177,615	17,485	17,907
Southern Illinois University Carbondale	764,500	64,015	67,142
Southern Illinois University Edwardsville	101,619	10,162	10,714
University of Illinois Urbana-Champaign	3,272,412	194,121	246,494
University of Illinois Navy Pier	140,883	14,088	20,857
Western Illinois University	113,500	11,350	15,245

SERVICE AND MAINTENANCE SPACE FOR BUILDINGS AND GROUPS

Schedule H gives a summary of the service and maintenance space for buildings and grounds at each institution. The schedule gives a tabulation on the service and maintenance space per student, but upon examining these values, there appears to be no correlation. Assuming that the service and maintenance space for buildings and grounds is required for both the residential and non-residential space, a tabulation of the total gross square feet of space at each of the State Universities was made and the percentage of this gross space that was service and maintenance space was calculated. This tabulation is shown below:

Institution	Total Gross Sq.Ft. Incl. Residential Space	Service and Maintenance as a Percent of Gross Space
Eastern Illinois University	698,623	1.7
Illinois State Normal University	1,479,217	2.0
Northern Illinois University	1,172,045	4.8
Southern Illinois University	2,781,510	1.1
Southern Illinois University Edwardsville	389,324	10.5
University of Illinois Urbana-Champaign	7,766,922	1.2
University of Illinois Navy Pier	539,410	5.1
Western Illinois University	875,790	2.5
	15,702,841	2.1%

The percentage varied from 1.1 to 10.5 but the two high values of 10.5 and 5.1 occurred at Southern Illinois University - Edwardsville and University of Illinois - Navy Pier, which are both non-residential, and this may explain these values.

DATA COLLECTED BUT NOT SUMMARIZED IN SCHEDULES AT THIS TIME

Data were collected on the categories of space listed below, but due to the shortage of time, were not reported separately in this preliminary report.

Gymnasium Space
Auditorium Space Not Used for Instruction
Student Union and Bookstore Space
Hospital and Health Service
Housing Facilities for Unmarried and Married Students

The areas of these facilities were included in those reports which gave data on total space at each institution.

CONCLUSION

In conclusion, it is the opinion of Committee I - Physical Facilities, that the space utilization study covering all categories of space was very fruitful. Although in many cases the measure of utilization has been with instructional space, the Committee wishes to state that this space comprises only a portion of the total non-residential space and any increase in utilization of this instructional space will probably need to be accompanied by a corresponding increase in the other categories of the space for the institution.

It is the opinion of the Committee that the use of "square feet per enrolled student" without differentiation as to area or level of instruction does not adequately indicate the space requirements of an institution.

It is also the opinion of the Committee that this space utilization survey should continue to be conducted on a biennial basis for the State Universities and all institutions in the State that wish to participate, with every effort being made to obtain agreement on inventory and nomenclature of space with a goal toward obtaining space factors and indices to project space requirements for every category of space that may exist at a university.

SECTION III

FURTHER ADDITIONS AND PROCEDURES TO BE CONSIDERED BY COMMITTEE I - PHYSICAL FACILITIES

1. Approximately seven or eight additional basic sets of data will be presented and analyzed in the Committee's final report.
2. The letters of request to take part in the study and the instructions will be included in the final report.
3. Basic data, together with a copy of the final report, will be sent to all contributing institutions.
4. The Committee proposes to project future building requirements for the State Universities in terms of square footage required, taking into account the construction resulting from the Universities Bond Issue and the utilization of existing space as determined by the study. It may then attempt to determine the approximate total cost of such future construction.

SCHEDULES

and

FIGURES

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE A1

DISTRIBUTICN OF GROSS NCN-RESIDENTIAL BUILDING SPACE BY PERMANENCY RATING

INSTITUTICN	ENROLLMENT	TOTAL SPACE GROSS SQ.FT.	GROSS NON-RESIDENTIAL BUILDING SPACE BY PERMANENCY RATING						
			A-1	A-2	A-3	A-4	A-5	B	C
STATE UNIVERSITIES									
EASTERN ILL U	3435	502915	496315						6600
ILL STATE NORMAL U	6015	745322	582115	2242		103909			57056
NO ILL U	9137	668047	482616	42975		119813		3509	19134
SO ILL U	11619	1623844	1073145	85706		102124		70254	292615
SO ILL-EDWSVILLE	4625	389324		4134			93708	27186	264296
U OF ILL	24169	5570249	3617406	706925	70998	638413	61941	281706	192860
U OF ILL-NAVY PIER	4597	539410							539410
WESTERN ILL U	3797	544712	239010		5700	296150			3852
SUB-TOTAL		10583823□	6490607□	841982□	76698□	1260409□	155649□	382655□	1375823□
PUBLIC TEACHERS COLLEGES									
CHGO TCH CCLLEGE S	5727	218893	218893						
CHGO TCH CCLLEGE N	1645	80300	80300						
SUB-TOTAL		299193□	299193□						
PUBLIC 2-YEAR COLLEGES									
CENTRALIA TWP JR C	465								
CC JC AMUNDSEN	3038								
CC JC BOGAN	3156								
CC JC CRANE	2421								
CC JC WRIGHT	7695	109541	109541						
CC JC FENGER	1149								
CC JC LCOP	2479	55605	55605						
SUB-TOTAL		165146□	165146□						
NCNPUBLIC UNIVERSITIES									
X2	5200	186812	124473		1800	58249			2290
X7	5688								
X14	8233								
X19	1918	183696	173696						10000
X21	8187	515124	456394	17365					41365
X24	9955	385762	378110						7652
X27	7109	801538	570676					124721	106141
X30	1181	202013	164245			3950			33818
X32	16636								
SUB-TOTAL		2274945□	1867594□	17365□	1800□	62199□		124721□	201266□
NCNPUBLIC COLLEGES									
C1	1197								
C3	2404								
C6	399								
C8	656	120915	48082			72833			
C9	856								
C10	449								

C11	1346	124778							124778
C12	541	124182	59176	4674	32906	27426			
C13	659								
C15	1532								
C17	636	62040	50000						12040
C18	598	26945	21394						5551
C20	416	90054	90054						
C22	978	214089	214089						
C23	551	406477	156205	157445	58450		14852	11790	7735
C25	310								
C26	1436								
C28	1693								
C29	1148								
C31	971	336974	52126	212679		32957		39212	
C33	1226								
C34	718	65704	50886		5674			1546	7598
C35	1125								
C36	1913	235077	154873	73878	5666			660	
C37	1138								
C38	1199	244409	244409						
C39	1225								
C41	526	119727	69727	34508				14628	864
C43	891								
C44	1140	144691	94474		6086	35192		5329	3610
C45	280	30890		29890	1000				
SUB-TOTAL		2346952¤	1305495¤	513074¤	109782¤	168408¤	14852¤	73165¤	162176¤
NONPUBLIC 2-YEAR COLLEGES									
N4	229								
N5	703	82977	39567	38752					4658
N16	473	173926	49470	62070	62386				
N40	404	19680		15680					4000
SUB-TOTAL		276583¤	89037¤	116502¤	62386¤				8658¤
INSTITUTIONS WITH SHARED FACILITIES									
N42	114								
BELLEVILLE JR COLL	2238								
BLOOM TWP COMM C	759	40522	40522						
CANTON COMM C	469	57267	57267						
CC JC SOUTHEAST	2517	33134	33134						
CC JC WILSON	4866	123853	123853						
DANVILLE JR C	554	198500							198500
ELGIN COMM C	1283	22044	15684	6360					
JOLIET JR C	2099	93521	93521						
LASALLE-PERU-OGSBY	398								
LYONS TWP JR C	914	62978	62978						
BLACK HAWK C	1503	43989	43989						
MORTON JR C	1777								
MT VERNON COMM C	343								
S EASTERN ILL C	269	67300	65200	2100					
THORNTON JR C	1720	61840	38185			7718		3837	12100
WABASH VALLEY C	286	27081						26481	600
GRAND-TOTAL *		15946642¤	10217072¤	1468923¤	250666¤	1491016¤	170501¤	580541¤	1747923¤

* Grand-Total does not include institutions with shared facilities

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE A2

PERCENTAGE DISTRIBUTION OF GROSS NON-RESIDENTIAL SPACE BY PERMANENCY RATING

INSTITUTION	ENROLLMENT	TOTAL SPACE GROSS SQ.FT.	GROSS NON-RESIDENTIAL BUILDING SPACE BY PERMANENCY RATING						
			A-1	A-2	A-3	A-4	A-5	B	C
STATE UNIVERSITIES									
EASTERN ILL U	3435	502915	98.7						1.3
ILL STATE NORMAL U	6015	745322	78.1	.3		13.9			7.7
NO ILL U	9137	668047	72.2	6.4		17.9		.5	2.9
SO ILL U	11619	1623844	66.1	5.3		6.3		4.3	18.0
SO ILL-EDWSVILLE	4625	389324		1.1			24.1	7.0	67.9
U OF ILL	24169	5570249	64.9	12.7	1.3	11.5	1.1	5.1	3.5
U OF ILL-NAVY PIER	4597	539410							100.0
WESTERN ILL U	3797	544712	43.9		1.0	54.4			.7
PUBLIC TEACHERS COLLEGES									
CHGO TCH COLLEGE S	5727	218893	100.0						
CHGO TCH COLLEGE N	1645	80300	100.0						
PUBLIC 2-YEAR COLLEGES									
CENTRALIA TWP JR C	465								
CC JC AMUNDSEN	3038								
CC JC BOGAN	3156								
CC JC CRANE	2421								
CC JC WRIGHT	7695	109541	100.0						
CC JC FENGER	1149								
CC JC LOOP	2479	55605	100.0						
NONPUBLIC UNIVERSITIES									
X2	5200	186812	66.6		1.0	31.2			1.2
X7	5688								
X14	8233								
X19	1918	183696	94.6						5.4
X21	8187	515124	88.6	3.4					8.0
X24	9955	385762	98.0						2.0
X27	7109	801538	71.2					15.6	13.2
X30	1181	202013	81.3			2.0			16.7
X32	16636								
NONPUBLIC COLLEGES									
C1	1197								
C3	2404								
C6	399								
C8	656	120915	39.8			60.2			
C9	856								
C10	449								

C11	1346	124778							100.0
C12	541	124182	47.7	3.8	26.5	22.1			
C13	659								
C15	1532								
C17	636	62040	80.6						19.4
C18	598	26945	79.4						20.6
C20	416	90054	100.0						
C22	978	214089	100.0						
C23	551	406477	38.4	38.7	14.4		3.7	2.9	1.9
C25	310								
C26	1436								
C28	1693								
C29	1148								
C31	971	336974	15.5	63.1		9.8		11.6	
C33	1226								
C34	718	65704	77.4		8.6			2.4	11.6
C35	1125								
C36	1913	235077	65.9	31.4	2.4			.3	
C37	1138								
C38	1199	244409	100.0						
C39	1225								
C41	526	119727	58.2	28.8				12.2	.7
C43	891								
C44	1140	144691	65.3		4.2	24.3		3.7	2.5
C45	280	30890		96.8	3.2				
NONPUBLIC 2-YEAR COLLEGES									
N4	229								
N5	703	82977	47.7	46.7					5.6
N16	473	173926	28.4	35.7	35.9				
N40	404	19680		79.7					20.3
INSTITUTIONS WITH SHARED FACILITIES									
N42	114								
BELLEVILLE JR COLL	2238								
BLOOM TWP COMM C	759	40522	100.0						
CANTON COMM C	469	57267	100.0						
CC JC SCUTHEAST	2517	33134	100.0						
CC JC WILSCN	4866	123853	100.0						
DANVILLE JR C	554	198500							100.0
ELGIN COMM C	1283	22044	71.1	28.9					
JOLIET JR C	2099	93521	100.0						
LASALLE-PERU-OGSBY	398								
LYONS TWP JR C	914	62978	100.0						
BLACK HAWK C	1503	43987	100.0						
MORTCN JR C	1777								
MT VERNCN COMM C	343								
S EASTERN ILL C	269	67300	96.9	3.1					
THORNTCN JR C	1720	61840	61.7			12.5		6.2	19.6
WABASH VALLEY C	286	27081						97.8	2.2

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE B1

DISTRIBUTION OF NET NON-RESIDENTIAL BUILDING SPACE BY FUNCTION

INSTITUTION	ENROLLMENT	TOTAL SPACE NET SQ.FT.	SQ.FT. PER STU.	NET NON-RESIDENTIAL BUILDING SPACE ALLOCATED TO						
				CLSRMS. AND SERV. TO CLSRM.	TEACHING LABS AND SERV. TO TEACHING LABS	GYM,POOL, DRILL HALL AND SERV.AREA	OFFICE AND CONF. AND FILES	LIBRARY	RESEARCH	OTHER
STATE UNIVERSITIES										
EASTERN ILL U	3435	372407	108.4	51525	32436	19831	32382	21604		214629
ILL STATE NORMAL U	6015	525983	87.4	69934	46159	30939	50713	42193	2010	284035
NO ILL U	9137	631528	69.1	75978	52595	60626	81954	32225	7668	320482
SO ILL U	11619	971048	83.6	115714	151882	40800	205395	106311	40680	310266
SO ILL-EDWSVILLE	4625	275208	59.5	53152	13914	10610	55867	15538	273	125754
U OF ILL	24169	3581958	148.2	249328	503955	290006	779882	373596	787977	597214
U OF ILL-NAVY PIER	4597	399734	87.0	53190	81839	67601	60870	36233	3268	96733
WESTERN ILL U	3797	442849	116.6	41189	103177	45492	40198	34557	4501	173725
SUB-TOTAL		7200715□		710010□	985957□	565905□	1307261□	662367□	846377□	2122838□
PERCENT		100.0%		9.9%	13.7%	7.9%	18.2%	9.2%	11.8%	29.5%
PUBLIC TEACHERS COLLEGES										
CHGO TCH COLLEGE S	5727	104351	18.2	29345	12996	24620	15192	12230		9998
CHGO TCH COLLEGE N	1645	94139	57.2	22495	6126	10768	10531	7676		36543
SUB-TOTAL		198490□		51840□	19122□	35388□	25723□	19876□		46541□
PERCENT		100.0%		26.1%	9.6%	17.8%	13.0%	10.0%	.0%	23.4%
PUBLIC 2-YEAR COLLEGES										
CENTRALIA TWP JR C	465									
CC JC AMUNDSEN	3038									
CC JC BOGAN	3156									
CC JC CRANE	2421									
CC JC WRIGHT	7695	109541	14.2	27235	8972	24420	13741	11475		23698
CC JC FENGER	1149									
CC JC LOOP	2479	38678	15.6	19042	2048		7229	5642		4717
SUB-TOTAL		148219□		46277□	11020□	24420□	20970□	17117□		28415□
PERCENT		100.0%		31.2%	7.4%	16.5%	14.1%	11.5%	.0%	19.2%
NONPUBLIC UNIVERSITIES										
X2	5200	291600	56.1	53178	62595	13992	36672	23705		101458
X7	5688									
X14	8233									
X19	1918	183519	95.7	40501	29360	7354	22919	13649	623	69113
X21	8187	331641	40.5	61201	7935	33946	49345	25056		154158
X24	9955	301227	30.3	64441	10990		46568	47269	6907	125052
X27	7109	521883	73.4	45649	107119	14016	106897	92600	48983	106619
X30	1181	172490	146.1	32292	12438	33584	21138	10109	852	62077
X32	16636									
SUB-TOTAL		1802360□		297262□	230437□	102892□	283539□	212388□	57365□	618477□
PERCENT		100.0%		16.5%	12.8%	5.7%	15.7%	11.8%	3.2%	34.3%
NONPUBLIC COLLEGES										
C1	1197									
C3	2404									
C6	399									
C8	656	116917	178.2	7923	6576	17310	6477	5693	600	72338
C9	856	62932	73.5	13252	7226	6345		5512		29497
C10	449									

C11	1346	82184	61.1	10942	13621	5988	10343	18274	694	22322
C12	541	108810	201.1	11162	9793	26262	9481	7328		44784
C13	659									
C15	1532									
C17	636	63874	100.4	7460	3710	2720	10736	5300		33948
C18	598	37360	62.5	14801	65[illegible]		2965	5551		7450
C20	416	58436	140.5	6016	40[illegible]	16211	6788	3222	712	21403
C22	978	186478	190.7	21677	1342[illegible]	16229	17082	11191	300	106576
C23	551	123502	224.1	12482	15918	16756	9985	36000		32361
C25	310	26547	85.6	13859	1893	4700	6095			
C26	1436									
C28	1693									
C29	1148									
C31	971	163891	168.8	20430	7951	21368	16518	18640		78984
C33	1226	52893	43.1	16330	9976	8635		10228		7724
C34	718	62822	87.5	10413	3477	14620	8362	11400		14550
C35	1125									
C36	1913	339830	177.6	38372	51727	39530	25420	21353	2829	160599
C37	1138									
C38	1199	247904	206.8	28795	18613	9822	19357	23440		147877
C39	1225									
C41	526	103219	196.2	12929	8939	18206	7232	5865		49048
C43	891									
C44	1140	246687	216.4	18467	15379	24790	29246	24250		134555
C45	280	57290	204.6	6900	5050	4920	7270	4500	500	28150
SUB-TOTAL		2141576□		272210□	203949□	254412□	193357□	219847□	5635□	992156□
PERCENT		100.0%		12.7%	9.5%	11.9%	9.0%	10.3%	.3%	46.3%
NONPUBLIC 2-YEAR COLLEGES										
N4	229	111601	487.3	6762	3601	33940	8256	4416		54626
N5	703	80715	114.8	15329	11423	8784	4606	2148	218	38207
N16	473	35794	75.7	4800	1500	6076	6276	3064		14078
N40	404	14252	35.3	5609	2018		3221	1598		1806
SUB-TOTAL		242362□		32500□	18542□	48800□	22359□	11226□	218□	108717□
PERCENT		100.0%		13.4%	7.7%	20.1%	9.2%	4.6%	.1%	44.9%
INSTITUTIONS WITH SHARED FACILITIES										
N42	114	8358	73.3	5014	3344					
BELLEVILLE JR COLL	2238	158549	70.8	34314	23440	59600	2247	2948		36000
BLOOM TWP COMM C	759	47915	63.1	3660	3285	15811	1883	3540		19736
CANTON COMM C	469	75697	161.4	8773	7053	1355	819	1795		55902
CC JC SOUTHEAST	2517	33134	13.2	19250	5500	2000	4400	1984		
CC JC WILSON	4866	122417	25.2	37465	8994	25470	11598	14090		24800
DANVILLE JR C	554	46845	84.6	16699	4491	10909	936	1097		12713
ELGIN COMM C	1283	22044	17.2	4495	7170		1846	3450		5083
JOLIET JR C	2099	139221	66.3	103744		7777	8572	3547		15581
LASALLE-PERU-OGSBY	398	67010	168.4	26729	6720	8450	956	7200		16955
LYONS TWP JR C	914	126875	138.8	14050	8672	50274		1859		52020
BLACK HAWK C	1503	43989	29.3	13165	6891	7744	3488	3233		9468
MORTON JR C	1777	114191	64.3	32229	16616	19201	10750	2866		32529
MT VERNON COMM C	343	48974	142.8	8265	928	8924	573	1703		28581
S EASTERN ILL C	269	74899	278.4	8225	6956	17415	1566	1185		39552
THORNTON JR C	1720	70697	41.1	21328	8635	19250	1085	2548		17851
WABASH VALLEY C	286	28181	98.5	7153	3288	10400	600	5640		1100
GRAND-TOTAL		11733722□		1410099□	1469027□	1031817□	1853209□	1142821□	909595□	3917154□
PERCENT		100.0%		12.0%	12.5%	8.8%	15.8%	9.7%	7.8%	33.4%

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE B2

PERCENTAGE DISTRIBUTION OF NET NON-RESIDENTIAL BUILDING SPACE BY FUNCTION

INSTITUTION	ENROLLMENT	TOTAL SPACE NET SQ.FT.	PERCENT OF NET NON-RESIDENTIAL BUILDING SPACE ALLOCATED TO						
			CLSRMS. AND SERV. TO CLSRM.	TEACHING LABS AND SERV. TO TEACHING LABS	GYM, POOL, DRILL HALL AND SERV. AREA	OFFICE AND CONF. AND FILES	LIBRARY	RESEARCH	OTHER
STATE UNIVERSITIES									
EASTERN ILL U	3435	372407	13.8	8.7	5.3	8.7	5.8		57.6
ILL STATE NORMAL U	6015	525983	13.3	8.8	5.9	9.6	8.0	.4	54.0
NO ILL U	9137	631528	12.0	8.3	9.6	13.0	5.1	1.2	50.7
SO ILL U	11619	971048	11.9	15.6	4.2	21.2	10.9	4.2	32.0
SO ILL-EDWSVILLE	4625	275208	19.3	5.1	3.9	20.3	5.7	.1	45.7
U OF ILL	24169	3581958	7.0	14.1	8.1	21.8	10.4	22.0	16.7
U OF ILL-NAVY PIER	4597	399734	13.3	20.5	16.9	15.2	9.1	.8	24.2
WESTERN ILL U	3797	442849	9.3	23.3	10.3	9.1	7.8	1.0	39.2
MEAN			12.5□	13.1□	8.0□	14.9□	7.9□	4.2□	40.0□
PUBLIC TEACHERS COLLEGES									
CHGO TCH COLLEGE S	5727	104351	28.1	12.5	23.6	14.6	11.7		9.6
CHGO TCH COLLEGE N	1645	94139	23.9	6.5	11.4	11.2	8.2		38.8
MEAN			26.0□	9.5□	17.5□	12.9□	10.0□		24.2□
PUBLIC 2-YEAR COLLEGES									
CENTRALIA TWP JR C	465								
CC JC AMUNDSEN	3038								
CC JC BOGAN	3156								
CC JC CRANE	2421								
CC JC WRIGHT	7695	109541	24.9	8.2	22.3	12.5	10.5		21.6
CC JC FENGER	1149								
CC JC LOOP	2479	38678	49.2	5.3		18.7	14.6		12.2
MEAN			37.1□	6.8□	22.3□	15.6□	12.6□		16.9□
NONPUBLIC UNIVERSITIES									
X2	5200	291600	18.2	21.5	4.8	12.6	8.1		34.8
X7	5688								
X14	8233								
X19	1918	183519	22.1	16.0	4.0	12.5	7.4	.3	37.7
X21	8187	331641	18.5	2.4	10.2	14.9	7.6		46.5
X24	9955	301227	21.4	3.6		15.5	15.7	2.3	41.5
X27	7109	521883	8.7	20.5	2.7	20.5	17.7	9.4	20.4
X30	1181	172490	18.7	7.2	19.5	12.3	5.9	.5	36.0
X32	16636								
MEAN			17.9□	11.9□	8.2□	14.7□	10.4□	3.1□	36.2□
NONPUBLIC COLLEGES									
C1	1197								
C3	2404								
C6	399								
C8	656	116917	6.8	5.6	14.8	5.5	4.9	.5	61.9
C9	856	62932	21.1	11.5	10.1		10.5		46.9
C10	449								

C11	1346	82184	13.3	16.6	7.3	12.6	22.2	.8	27.2
C12	541	108810	10.3	9.0	24.1	8.7	6.7		41.2
C13	659								
C15	1532								
C17	636	63874	11.7	5.8	4.3	16.8	8.3		53.1
C18	598	37360	39.6	17.6		7.9	14.9		19.9
C20	416	58436	10.3	7.0	27.7	11.6	5.5	1.2	36.6
C22	978	186478	11.6	7.2	8.7	9.2	6.0	.2	57.2
C23	551	123502	10.1	12.9	13.6	8.1	29.1		26.2
C25	310	26547	52.2	7.1	17.7	23.0			
C26	1436								
C28	1693								
C29	1148								
C31	971	163891	12.5	4.9	13.0	10.1	11.4		48.2
C33	1226	52893	30.9	18.9	16.3		19.3		14.6
C34	718	62822	16.6	5.5	23.3	13.3	18.1		23.2
C35	1125								
C36	1913	339830	11.3	15.2	11.6	7.5	6.3	.8	47.3
C37	1138								
C38	1199	247904	11.6	7.5	4.0	7.8	9.5		59.7
C39	1225								
C41	526	103219	12.5	8.7	17.6	7.0	6.7		47.5
C43	891								
C44	1140	246687	7.5	6.2	10.0	11.9	9.8		54.5
C45	280	57290	12.0	8.8	8.6	12.7	7.9	.9	49.1
MEAN			16.8□	9.8□	13.7□	10.9□	11.6□	.7□	47.0□
NONPUBLIC 2-YEAR COLLEGES									
N4	229	111601	6.1	3.2	30.4	7.4	4.0		48.9
N5	703	80715	19.0	14.2	10.9	5.7	2.7	.3	47.3
N16	473	35794	13.4	4.2	17.0	17.5	8.6		39.3
N40	404	14252	39.4	14.2		22.6	11.2		12.7
MEAN			19.5□	9.0□	19.4□	13.3□	6.6□	.3□	37.1□
INSTITUTIONS WITH SHARED FACILITIES									
N42	114	8358	60.0	40.0					
BELLEVILLE JR COLL	2238	158549	21.6	14.8	37.6	1.4	1.9		22.7
BLOOM TWP COMM C	759	47915	7.6	6.9	33.0	3.9	7.4		41.2
CANTON COMM C	469	75697	11.6	9.3	1.8	1.1	2.4		73.8
CC JC SOUTHEAST	2517	33134	58.1	16.6	6.0	13.3	6.0		
CC JC WILSON	4866	122417	30.6	7.3	20.8	9.5	11.5		20.3
DANVILLE JR C	554	46845	35.6	9.6	23.3	2.0	2.3		27.1
ELGIN COMM C	1283	22044	20.4	32.5		8.4	15.7		23.1
JOLIET JR C	2099	139221	74.5		5.6	6.2	2.5		11.2
LASALLE-PERU-OGSBY	398	67010	39.9	10.0	12.6	1.4	10.7		25.3
LYONS TWP JR C	914	126875	11.1	6.8	39.6		1.5		41.0
BLACK HAWK C	1503	43989	29.9	15.7	17.6	7.9	7.3		21.5
MORTON JR C	1777	114191	28.2	14.6	16.8	9.4	2.5		28.5
MT VERNON COMM C	343	48974	16.9	1.9	18.2	1.2	3.5		53.6
S EASTERN ILL C	269	74899	11.0	9.3	23.3	2.1	1.6		52.8
THORNTON JR C	1720	70697	30.2	12.2	27.2	1.5	3.6		25.3
WABASH VALLEY C	286	28181	25.4	11.7	36.9	2.1	20.0		3.9

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE C1

SUMMARY OF CLASSROOM DATA

INSTITUTION	TOTAL CAP. OF CLSRMS.	TOTAL AREA SQ.FT.	TOTAL RM. PERIOD USAGE 7AM-5PM	TOTAL STUDENT CLKHRS 7AM-5PM	TOTAL RM. PERIOD USAGE 5-10PM	TOTAL STUDENT CLKHRS. 5-10PM	TOTAL STUDENT CLKHRS.	SQ.FT. PER STATION	SQ.FT. PER STUDENT
STATE UNIVERSITIES									
EASTERN ILL U	2438	51525	1670	40948	41	677	41625	21.1	15.0
ILL STATE NORMAL U	3129	69934	2147	65511	260	4981	70492	22.3	11.6
NO ILL U	6029	75978	2522	89927	635	15182	105109	12.6	8.3
SO ILL U	7381	115714	3703	105574	950	44389	149963	15.7	10.0
SO ILL-EDWSVILLE	4027	53152	1188	30407	648	13580	43987	13.1	11.5
U OF ILL	18476	249328	10918	296257	419	8045	304302	13.5	10.3
U OF ILL-NAVY PIER	2986	53190	2226	58013			58013	17.8	11.6
WESTERN ILL U	2036	41189	1381	44727	94	1943	46670	20.2	10.8
MEAN								17.0¤	11.1¤
PUBLIC TEACHERS COLLEGES									
CHGC TCH COLLEGE S	1810	29345	565	24585	201	4810	29395	16.2	5.1
CHGO TCH COLLEGE N	2080	22495	726	20508	52	1258	21766	10.8	13.7
MEAN								13.5¤	9.4¤
PUBLIC 2-YEAR COLLEGES									
CENTRALIA TWP JR C									
CC JC AMUNDSEN									
CC JC BOGAN									
CC JC CRANE									
CC JC WRIGHT	1568	27235	1364	45278	596	65785	111063	17.3	3.5
CC JC FENGER									
CC JC LOOP	1301	19042	195	5817	288	8882	14699	14.6	7.7
MEAN								16.0¤	5.6¤
NONPUBLIC UNIVERSITIES									
X2	3616	53178	1726	52228	354	8721	60949	14.7	10.2
X7									
X14									
X19	2199	40501	762	17192	140	2221	19413	18.4	21.1
X21	4493	61201	1504	48510	963	26606	75116	13.6	7.5
X24	5251	64441	2152	70364	630	14156	84520	12.3	6.5
X27	3654	45649	1141	28114	859	22387	50501	12.4	6.4
X30	2055	32292	753	17776	33	826	18602	15.7	27.3
X32									
MEAN								14.5¤	13.2¤
NONPUBLIC COLLEGES									
C1									
C3									
C6									
C8	589	7923	308	7583	8	165	7748	13.4	12.1
C9	726	13252	376	9169	27	481	9650	18.2	15.5
C10									

C11	667	10942	346	6056	130	2080	8136	16.4	8.1
C12	687	11162	369	6197	10	146	6343	16.2	20.6
C13									
C15									
C17	704	7460	232	6020	38	542	6562	10.5	11.7
C18	862	14801	404	7426			7426	17.1	24.8
C20	450	6016	159	4360	12	209	4569	13.3	14.5
C22	1165	21677	690	13019	6	100	13119	18.6	22.2
C23	783	12482	402	7585			7585	15.9	22.7
C25	554	13859	178	3895			3895	25.0	44.7
C26									
C28									
C29									
C31	1398	20430	555	12787	14	123	12910	14.6	21.0
C33	1145	16330	655	16570			16570	14.2	13.3
C34	721	10413	299	8053	16	417	8470	14.4	14.5
C35									
C36	3233	38372	1032	26597	13	210	26807	11.8	20.1
C37									
C38	1230	28795	606	13528	2	14	13542	23.4	24.0
C39									
C41	751	12929	336	7184	1	9	7193	17.2	24.6
C43	1345		555	11830			11830		
C44	1208	18467	661	14456			14456	15.2	16.2
C45	450	6900	178	3091	1	100	3191	15.3	24.6
MEAN								16.2□	18.7□
NONPUBLIC 2-YEAR COLLEGES									
N4	356	6762	370	5363			5363	18.9	29.5
N5	745	15329	312	7085	47	953	8038	20.5	21.8
N16	371	4800	240	5043	13	332	5375	12.9	10.1
N40	341	5609	184	4848			4848	16.4	13.9
MEAN								17.2□	18.8□
INSTITUTIONS WITH SHARED FACILITIES									
N42	340	5014	94	1744			1744	14.7	44.0
BELLEVILLE JR COLL	1852	34314	238	5873	273	6010	11883	18.5	15.3
BLOOM TWP COMM C	225	3660	140	2854	45	846	3700	16.2	4.8
CANTON COMM C	501	8773	180	3419	36	708	4127	17.5	18.7
CC JC SOUTHEAST	705	19250	208	6505	173	5494	11999	27.3	7.6
CC JC WILSON	1768	37465	1026	33087	329	8892	41979	21.2	7.7
DANVILLE JR C	894	16699	127	3359	94	2296	5655	18.7	30.1
ELGIN COMM C	228	4495	159	3462			3462	19.7	3.5
JOLIET JR C	2434	103744	1134	24403	194	3340	27743	42.6	49.4
LASALLE-PERU-OGSBY	2477	26729	142	3462	30	524	3986	10.8	67.2
LYONS TWP JR C	691	14050	226	5388			5388	20.3	15.4
BLACK HAWK C	859	13165	341	9254	139	3311	12565	15.3	8.8
MORTON JR C	1736	32229	484	11327	151	4134	15461	18.5	18.1
MT VERNON COMM C	371	8265	151	3682	23	639	4321	22.2	24.1
S EASTERN ILL C	417	8225	165	2332	30	318	2650	19.7	30.6
THORNTON JR C	912	21328	363	9758	75	1833	11591	23.3	12.4
WABASH VALLEY C	325	7153	60	1250	43	626	1876	22.0	25.0
MEAN-GRAND								16.0□	15.3□

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE C2

AVERAGE ROOM PERIOD USAGE PER WEEK OF CLASSROOMS

INSTITUTION	ENROLL-MENT	NO. OF CLASSROOMS	AVERAGE ROOM PERIOD USAGE PER WEEK 7AM-5PM 0 10 20 30 40	WEIGHTED ROOM PERIOD USAGE 5-10PM IN PERCENT OF 7AM-5PM USAGE*
STATE UNIVERSITIES				
EASTERN ILL U	3435	65	XXXXXXXXXXXXXXXXXXXXXXXXX25.7	5.4
ILL STATE NORMAL U	6015	81	XXXXXXXXXXXXXXXXXXXXXXXXXX26.5	26.6
NO ILL U	9137	93	XXXXXXXXXXXXXXXXXXXXXXXXXXX27.1	55.4
SO ILL U	11619	145	XXXXXXXXXXXXXXXXXXXXXXXXX25.6	56.5
SO ILL-EDWSVILLE	4625	63	XXXXXXXXXXXXXXXXXX18.8	120.0
U OF ILL	24169	351	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX31.1	8.4
U OF ILL-NAVY PIER	4597	66	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX33.7	
WESTERN ILL U	3797	50	XXXXXXXXXXXXXXXXXXXXXXXXXXX27.6	14.9
MEAN			XXXXXXXXXXXXXXXXXXXXXXXXXXX27.0□	41.0□
PUBLIC TEACHERS COLLEGES				
CHGO TCH COLLEGE S	5727	19	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX29.7	78.2
CHGO TCH COLLEGE N	1645	32	XXXXXXXXXXXXXXXXXXXXXX22.6	15.7
MEAN			XXXXXXXXXXXXXXXXXXXXXXXXXX26.2□	47.0□
PUBLIC 2-YEAR COLLEGES				
CENTRALIA TWP JR C	465			
CC JC AMUNDSEN	3038			
CC JC BOGAN	3156			
CC JC CRANE	2421			
CC JC WRIGHT	7695	35	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX38.9	96.1
CC JC FENGER	1149			
CC JC LOOP	2479	34	XXXXX 5.7	324.9
MEAN			XXXXXXXXXXXXXXXXXXXXXX22.3□	10.5□
NONPUBLIC UNIVERSITIES				
X2	5200	67	XXXXXXXXXXXXXXXXXXXXXXXXX25.8	45.1
X7	5688			
X14	8233			
X19	1918	52	XXXXXXXXXXXXXX14.6	40.4
X21	8187	92	XXXXXXXXXXXXXXXX16.3	140.8
X24	9955	101	XXXXXXXXXXXXXXXXXXXXX21.3	64.4
X27	7109	68	XXXXXXXXXXXXXXXX16.7	165.6
X30	1181	45	XXXXXXXXXXXXXXXX16.7	9.6
X32	16636			
MEAN			XXXXXXXXXXXXXXXXXX18.6□	77.7□
NONPUBLIC COLLEGES				
C1	1197			
C3	2404			
C6	399			
C8	656	13	XXXXXXXXXXXXXXXXXXXXXXX23.6	5.7
C9	856	17	XXXXXXXXXXXXXXXXXXXXXX22.1	15.7
C10	449			

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C11                                  1346    20     XXXXXXXXXXXXXXXXX17.3                82.7
C12                                   541    20     XXXXXXXXXXXXXXXXXX18.4                5.9
C13                                   659
C15                                  1532
C17                                   636    13     XXXXXXXXXXXXXXXXX17.8                36.0
C18                                   598    20     XXXXXXXXXXXXXXXXXXXX20.2
C20                                   416     9     XXXXXXXXXXXXXXXXX17.6                16.6
C22                                   978    37     XXXXXXXXXXXXXXXXXX18.6                1.9
C23                                   551    19     XXXXXXXXXXXXXXXXXXXXX21.1
C25                                   310    15     XXXXXXXXXXX11.8
C26                                  1436
C28                                  1693
C29                                  1148
C31                                   971    31     XXXXXXXXXXXXXXXXX17.9                 5.5
C33                                  1226    27     XXXXXXXXXXXXXXXXXXXXXXXX24.2
C34                                   718    17     XXXXXXXXXXXXXXXXX17.5                11.7
C35                                  1125
C36                                  1913    49     XXXXXXXXXXXXXXXXXXXXX21.0             2.7
C37                                  1138
C38                                  1199    32     XXXXXXXXXXXXXXXXXXX19.0                .8
C39                                  1225
C41                                   526    18     XXXXXXXXXXXXXXXXXX18.7                 .7
C43                                   891    25     XXXXXXXXXXXXXXXXXXXXXX22.2
C44                                  1140    32     XXXXXXXXXXXXXXXXXXXX20.6
C45                                   280    11     XXXXXXXXXXXXXXXX16.1                  1.2
    MEAN                                            XXXXXXXXXXXXXXXXXXX19.2□             14.4□

  NONPUBLIC 2-YEAR COLLEGES
N4                                    229    18     XXXXXXXXXXXXXXXXXXXX20.5
N5                                    703    19     XXXXXXXXXXXXXXXX16.4                 33.1
N16                                   473    11     XXXXXXXXXXXXXXXXXXXXX21.8            11.9
N40                                   404     9     XXXXXXXXXXXXXXXXXXXX20.4
    MEAN                                            XXXXXXXXXXXXXXXXXXX19.8□             22.5□

  INSTITUTIONS WITH SHARED FACILITIES
N42                                   114     9     XXXXXXXXXX10.4
BELLEVILLE JR COLL                   2238    42     XXXXX 5.6                           252.3
BLOOM TWP COMM C                      759     5     XXXXXXXXXXXXXXXXXXXXXXXXXXXX28.0     70.7
CANTON CCMM C                         469    14     XXXXXXXXXXXX12.8                     44.0
CC JC SOUTHEAST                      2517    20     XXXXXXXXXX10.4                      182.9
CC JC WILSCN                         4866    39     XXXXXXXXXXXXXXXXXXXXXXXXXX26.3       70.5
DANVILLE JR C                         554    20     XXXXXX 6.3                          162.8
ELGIN COMM C                         1283     8     XXXXXXXXXXXXXXXXXXX19.8
JOLIET JR C                          2099    82     XXXXXXXXXXXXX13.8                    37.6
LASALLE-PERU-OGSBY                    398    28     XXXXX 5.0                            46.4
LYONS TWP JR C                        914    20     XXXXXXXXXXX11.3
BLACK HAWK C                         1503    23     XXXXXXXXXXXXXX14.8                   89.6
MCRTON JR C                          1777    39     XXXXXXXXXXXX12.4                     68.6
MT VERNCN COMM C                      343    12     XXXXXXXXXXXX12.5                     33.5
S EASTERN ILL C                       269    13     XXXXXXXXXXXX12.7                     40.0
THORNTON JR C                        1720    26     XXXXXXXXXXXXX13.9                    45.4
WABASH VALLEY C                       286    10     XXXXXX 6.0                          157.6

   MEAN-GRAND                                       XXXXXXXXXXXXXXXXXXXXX21.2□           46.9□
   MEDIAN-GRAND                                     XXXXXXXXXXXXXXXXXXXX20.5□            16.2□

• THIS VALUE OBTAINED BY MULTIPLYING 5-10PM USAGE X 5500/25 AND DIVIDING BY 7AM-5PM USAGE
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STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE C3

AVERAGE NUMBER OF STUDENT HOURS PER WEEK PER STATION IN CLASSROOMS 7AM-5PM

INSTITUTION	ENROLL-MENT	AVERAGE STUDENT HOURS PER WEEK PER STATION 7AM-5PM (0 10 20 30 40)	WEIGHTED STUDENT HOURS/STATION 5-10PM IN PERCENT OF 7AM-5PM USAGE*
STATE UNIVERSITIES			
EASTERN ILL U	3435	XXXXXXXXXXXXXXXX16.8	3.6
ILL STATE NORMAL U	6015	XXXXXXXXXXXXXXXXXXXX20.9	16.7
NO ILL U	9137	XXXXXXXXXXXXXX14.9	37.1
SO ILL U	11619	XXXXXXXXXXXXXX14.3	92.5
SO ILL-EDWSVILLE	4625	XXXXXXX 7.5	98.2
U OF ILL	24169	XXXXXXXXXXXXXXXX16.0	6.0
U OF ILL-NAVY PIER	4597	XXXXXXXXXXXXXXXXXXX19.4	
WESTERN ILL U	3797	XXXXXXXXXXXXXXXXXXXXX21.9	9.5
MEAN		XXXXXXXXXXXXXXXX16.5□	37.7□
PUBLIC TEACHERS COLLEGES			
CHGO TCH COLLEGE S	5727	XXXXXXXXXXXXX13.5	43.0
CHGO TCH COLLEGE N	1645	XXXXXXXXX 9.8	13.4
MEAN		XXXXXXXXXXX11.7□	28.2□
PUBLIC 2-YEAR COLLEGES			
CENTRALIA TWP JR C	465		
CC JC AMUNDSEN	3038		
CC JC BOGAN	3156		
CC JC CRANE	2421		
CC JC WRIGHT	7695	XXXXXXXXXXXXXXXXXXXXXXXXXXXX28.8	319.6
CC JC FENGER	1149		
CC JC LOOP	2479	XXXX 4.4	335.9
MEAN		XXXXXXXXXXXXXXXX16.6□	27.8□
NONPUBLIC UNIVERSITIES			
X2	5200	XXXXXXXXXXXXXX14.4	36.7
X7	5688		
X14	8233		
X19	1918	XXXXXXX 7.8	28.4
X21	8187	XXXXXXXXXX10.7	120.6
X24	9955	XXXXXXXXXXXXX13.4	44.3
X27	7109	XXXXXXX 7.6	175.1
X30	1181	XXXXXXXX 8.6	10.2
X32	16636		
MEAN		XXXXXXXXXX10.4□	69.2□
NONPUBLIC COLLEGES			
C1	1197		
C3	2404		
C6	399		
C8	656	XXXXXXXXXXXX12.8	4.7
C9	856	XXXXXXXXXXXX12.6	11.5
C10	449		

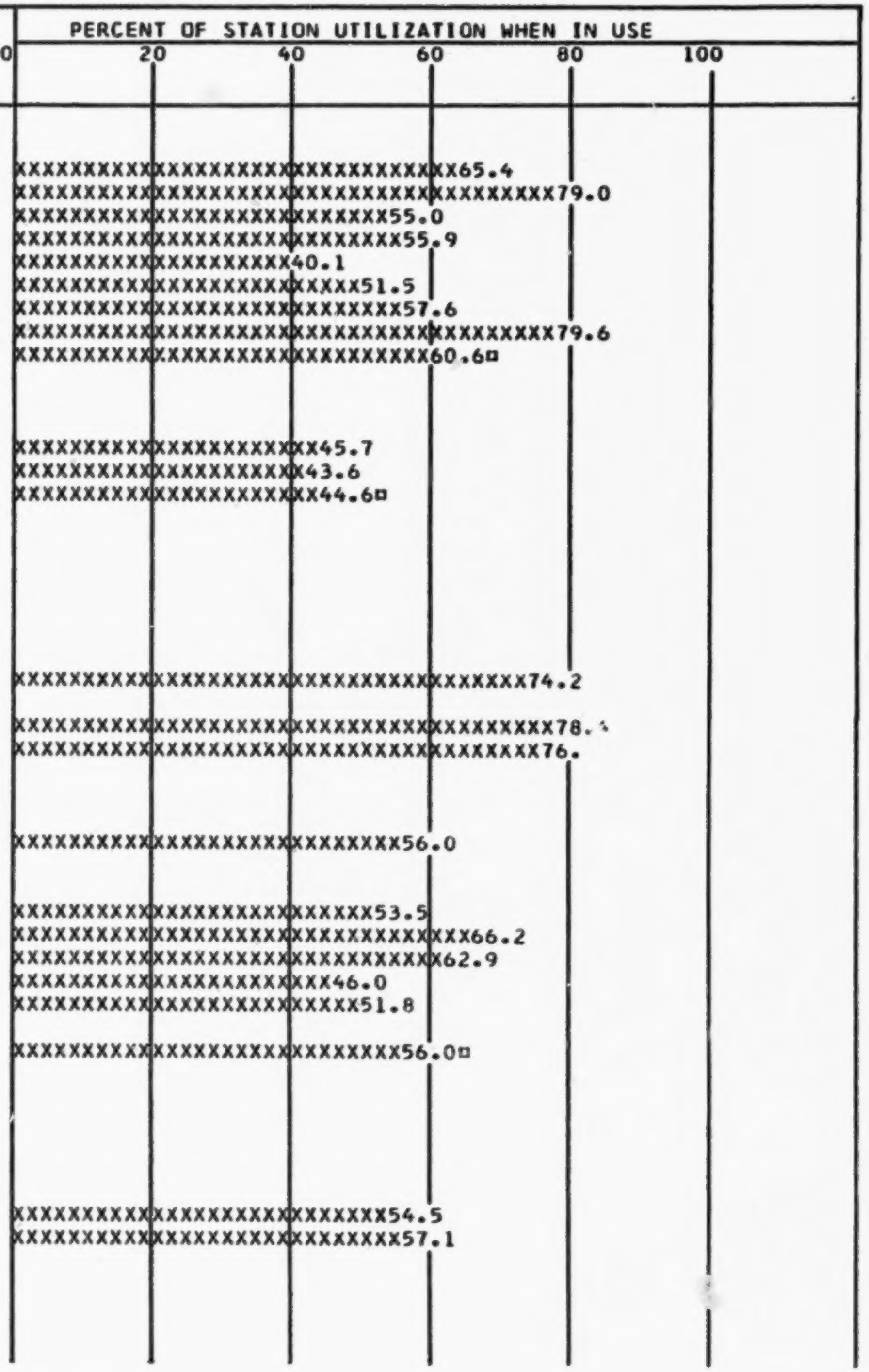
C11	1346	XXXXXXXXX 9.1	75.6
C12	541	XXXXXXXXX 9.0	5.1
C13	659		
C15	1532		
C17	636	XXXXXXXX 8.5	19.8
C18	598	XXXXXXXX 8.6	
C20	416	XXXXXXXXX 9.6	10.5
C22	978	XXXXXXXXXXX11.1	1.6
C23	551	XXXXXXXXX 9.6	
C25	310	XXXXXXX 7.0	
C26	1436		
C28	1693		
C29	1148		
C31	971	XXXXXXXXX 9.1	2.1
C33	1226	XXXXXXXXXXXXXX14.4	
C34	718	XXXXXXXXXXX11.1	11.3
C35	1125		
C36	1913	XXXXXXXX 8.2	1.7
C37	1138		
C38	1199	XXXXXXXXXXX11.0	.3
C39	1225		
C41	526	XXXXXXXXX 9.6	.3
C43	891	XXXXXXXX 8.7	
C44	1140	XXXXXXXXXXX11.9	
C45	280	XXXXXX 6.8	7.1
MEAN		XXXXXXXXX 9.9¤	11.7¤
NONPUBLIC 2-YEAR COLLEGES			
N4	229	XXXXXXXXXXXXXXX15.0	
N5	703	XXXXXXXXX 9.5	29.5
N16	473	XXXXXXXXXXXXX13.5	14.4
N40	404	XXXXXXXXXXXXXX14.2	
MEAN		XXXXXXXXXXXXX13.1¤	22.0¤
INSTITUTICNS WITH SHARED FACILITIES			
N42	114	XXXXX 5.1	
BELLEVILLE JR COLL	2238	XXX 3.1	225.1
BLOOM TWP COMM C	759	XXXXXXXXXXXX12.6	65.2
CANTON CCMM C	469	XXXXXX 6.8	45.5
CC JC SCUTHEAST	2517	XXXXXXXXX 9.2	185.8
CC JC WILSCN	4866	XXXXXXXXXXXXXXXXXX18.7	59.1
DANVILLE JR C	554	XXX 3.7	150.4
ELGIN COMM C	1283	XXXXXXXXXXXXXXX15.1	
JOLIET JR C	2099	XXXXXXXXXX10.0	30.1
LASALLE-PERU-OGSBY	398	X 1.4	33.3
LYONS TWP JR C	914	XXXXXXX 7.7	
BLACK HAWK C	1503	XXXXXXXXXX10.7	78.7
MORTCN JR C	1777	XXXXXX 6.5	80.2
MT VERNCN COMM C	343	XXXXXXXXX 9.9	38.1
S EASTERN ILL C	269	XXXXX 5.6	30.0
THORNTCN JR C	1720	XXXXXXXXXX10.6	41.3
WABASH VALLEY C	286	XXX 3.8	110.1
MEAN-GRAND		XXXXXXXXXXXX12.0¤	49.6¤
MEDIAN-GRAND		XXXXXXXXXXXX11.0¤	13.9¤

* THIS VALUE OBTAINED BY MULTIPLYING 5-10PM USAGE X 5500/25 AND DIVIDING BY 7AM-5PM USAGE

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE C4

PERCENT OF CLASSROOM STUDENT STATIONS IN USE WHEN ROOMS WERE IN USE 7AM-5PM



INSTITUTION	ENROLLMENT	PERCENT OF STATION UTILIZATION WHEN IN USE
STATE UNIVERSITIES		
EASTERN ILL U	3435	65.4
ILL STATE NORMAL U	6015	79.0
NO ILL U	9137	55.0
SO ILL U	11619	55.9
SO ILL-EDWSVILLE	4625	40.1
U OF ILL	24169	51.5
U OF ILL-NAVY PIER	4597	57.6
WESTERN ILL U	3797	79.6
MEAN		60.6¤
PUBLIC TEACHERS COLLEGES		
CHGO TCH COLLEGE S	5727	45.7
CHGO TCH COLLEGE N	1645	43.6
MEAN		44.6¤
PUBLIC 2-YEAR COLLEGES		
CENTRALIA TWP JR C	465	
CC JC AMUNDSEN	3038	
CC JC BOGAN	3156	
CC JC CRANE	2421	
CC JC WRIGHT	7695	74.2
CC JC FENGER	1149	
CC JC LOOP	2479	78.[illegible]
MEAN		76.
NONPUBLIC UNIVERSITIES.		
X2	5200	56.0
X7	5688	
X14	8233	
X19	1918	53.5
X21	8187	66.2
X24	9955	62.9
X27	7109	46.0
X30	1181	51.8
X32	16636	
MEAN		56.0¤
NONPUBLIC COLLEGES		
C1	1197	
C3	2404	
C6	399	
C8	656	54.5
C9	856	57.1
C10	449	

C11	1346	52.5
C12	541	49.0
C13	659	
C15	1532	
C17	636	48.0
C18	598	42.6
C20	416	55.0
C22	978	60.0
C23	551	45.9
C25	310	59.5
C26	1436	
C28	1693	
C29	1148	
C31	971	51.0
C33	1226	59.8
C34	718	63.8
C35	1125	
C36	1913	39.1
C37	1138	
C38	1199	57.9
C39	1225	
C41	526	51.2
C43	891	39.6
C44	1140	58.0
C45	280	42.6
MEAN		52.0¤
NONPUBLIC 2-YEAR COLLEGES		
N4	229	73.4
N5	703	57.9
N16	473	62.3
N40	404	69.6
MEAN		65.8¤
INSTITUTIONS WITH SHARED FACILITIES		
N42	114	49.3
BELLEVILLE JR COLL	2238	56.6
BLOOM TWP COMM C	759	45.3
CANTON COMM C	469	53.3
CC JC SOUTHEAST	2517	88.7
CC JC WILSON	4866	71.1
DANVILLE JR C	554	59.6
ELGIN COMM C	1283	76.6
JOLIET JR C	2099	72.6
LASALLE-PERU-OGSBY	398	27.9
LYONS TWP JR C	914	69.0
BLACK HAWK C	1503	72.8
MORTON JR C	1777	52.6
MT VERNON COMM C	343	79.4
S EASTERN ILL C	269	44.0
THORNTON JR C	1720	76.9
WABASH VALLEY C	286	64.1
MEAN-GRAND		56.4
MEDIAN-GRAND		55.9

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE C5

SQUARE FEET OF ASSIGNABLE FLOOR SPACE PER 100 HOURS OF STUDENT CLASSROOM UCCUPANCY 7AM-5PM

INSTITUTION	ENROLLMENT	TOTAL CLSRM. AREA	STUDENT CLKHRS IN CLASS-ROOMS	OVERALL SQ.FT./ 100 HRS.	BY ROOM SIZES OF							
					1-30	31-50	51-80	81-100	101-150	151-200	201-250	251-UP
STATE UNIVERSITIES												
EASTERN ILL U	3435	51525	40948	126	220	93	180		190			
ILL STATE NORMAL U	6015	69934	65511	106	111	77	485	91	198		150	
NU ILL U	9137	75978	89927	84	146	79	71	171	75	59	139	70
SO ILL U	11619	115714	105574	110	148	91	110	114	298		48	116
SO ILL-EDWSVILLE	4625	53152	30407	174	225	141	165		106		99	**a
U OF ILL	24169	249328	296257	84	84	76	97	93	103	71	105	79
U OF ILL-NAVY PIER	4597	53190	58013	91	174	86	209	213	151	63	61	
WESTERN ILL U	3797	41189	44727	92	105	83	91					
MEAN				108□	152□	91□	176□	136□	160□	64□	100□	88□
PUBLIC TEACHERS COLLEGES												
CHGO TCH COLLEGE S	5727	29345	24585	119	111	81	287			50		182
CHGO TCH COLLEGE N	1645	22495	20508	109	121	65	83				562	168
MEAN				114□	116□	73□	185□			50□	562□	175□
PUBLIC 2-YEAR COLLEGES												
CENTRALIA TWP JR C	465											
CC JC AMUNDSEN	3038											
CC JC BOGAN	3156											
CC JC CRANE	2421											
CC JC WRIGHT	7695	27235	45278	60	72	52	80	75				
CC JC FENGER	1149											
CC JC LOOP	2479	19042	5817	327		245	256					
MEAN				194□	72□	149□	168□	75□				
NONPUBLIC UNIVERSITIES												
X2	5200	53178	52228	102	170	96	83	50	177	93		130
X7	5688											
X14	8233											
X19	1918	40501	17192	235	472	204	149	140		331		
X21	8187	61201	48510	126	310	140	93	120	340			
X24	9955	64441	70364	91	241	89	82	55	231	87		
X27	7109	45649	28114	162	281	129	227		176		559	188
X30	1181	32292	17776	182	270	137	171	171	174			252
X32	16636											
MEAN				150□	291□	133□	134□	107□	220□	170□	559□	190□
NONPUBLIC COLLEGES												
C1	1197											
C3	2404											
C6	399											
C8	656	7923	7583	104	234	101	84	91				
C9	856	13252	9169	144	190	174	104					
C10	449											

C11	1346	10942	6056	181	228	138	173					
C12	541	11162	6197	180	332	162	128					
C13	659											
C15	1532											
C17	636	7460	6020	123	**a	123	118	103	126			
C18	598	14801	7426	199	331	182	134		412			
C20	416	6016	4360	137	198	107	150	190				
C22	978	21677	13019	166	300	97	174	308				
C23	551	12482	7585	164	153	168	215			112		
C25	310	13859	3895	355	293	230	714					
C26	1436											
C28	1693											
C29	1148											
C31	971	20430	12787	159	202	147	260		76			104
C33	1226	16330	16570	98	177	96	89	131				
C34	718	10413	8053	129	211	121	151	67				
C35	1125											
C36	1913	38372	26597	144	135	123	118	89		139		769
C37	1138											
C38	1199	28795	13528	213	355	137	69	115				
C39	1225											
C41	526	12929	7184	180	180	126		129	180			
C43	891		11830									
C44	1140	18467	14456	127	127	108	151	219				
C45	280	6900	3091	223	142	261				850		
MEAN				168□	223□	145□	177□	144□	199□	367□		437□
NONPUBLIC 2-YEAR COLLEGES												
N4	229	6762	5363	126	150	91						
N5	703	15329	7085	216	226	151	300					
N16	473	4800	5043	95	96	75	132					
N40	404	5609	4848	115	131	94		118				
MEAN				138□	151□	103□	216□	118□				
INSTITUTIONS WITH SHARED FACILITIES												
N42	114	5014	1744	287		253	173					
BELLEVILLE JR COLL	2238	34314	5873	584	923	426	**a					
BLOOM TWP COMM C	759	3660	2854	128		120						
CANTON COMM C	469	8773	3419	256	530	129						
CC JC SOUTHEAST	2517	19250	6505	295	85	312						
CC JC WILSON	4866	37465	33087	113	159	119	54		34	91		
DANVILLE JR C	554	16699	3359	497	**a	420				**a		
ELGIN COMM C	1283	4495	3462	129	137	90						
JOLIET JR C	2099	103744	24403	425	415	292			731			
LASALLE-PERU-OGSBY	398	26729	3462	772	930	592	551	**a				**a
LYONS TWP JR C	914	14050	5388	260	277	208		**a				
BLACK HAWK C	1503	13165	9254	142	491	122						
MORTON JR C	1777	32229	11327	284	322	205	592					
MT VERNON COMM C	343	8265	3682	224	172	695						
S EASTERN ILL C	269	8225	2332	353	287	343						
THORNTON JR C	1720	21328	9758	218	674	184	131					
WABASH VALLEY C	286	7153	1250	572	364	505		**a				
MEAN-GRAND				149□	201□	124□	172□	130□	188□	186□	215□	206□
MEDIAN-GRAND				128□	180□	115□	142□	117□	177□	90□	122□	130□

**a INDICATES SQUARE FEET PER 100 STUDENT CLOCKHOURS GREATER THAN 999

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE C6

AVERAGE ROOM PERIOD USAGE OF CLASSROOMS BY ROOM SIZE 7AM-5PM

INSTITUTION	ENROLLMENT	OVERALL RM. PD. USAGE	BY ROOM SIZES OF							
			1-30	31-50	51-80	81-100	101-150	151-200	201-250	251-UP
STATE UNIVERSITIES										
EASTERN ILL U	3435	1670	19.0	31.1	19.0		30.0			
ILL STATE NORMAL U	6015	2147	24.2	28.8	20.0	22.5	19.0		16.0	
NO ILL U	9137	2522	19.6	28.1	31.4	22.0	30.0	25.0	21.0	21.5
SO ILL U	11619	3703	22.3	27.8	27.5	23.8	31.0		25.0	20.0
SO ILL-EDWSVILLE	4625	1188	15.1	20.7	20.3		21.2		23.0	15.0
U OF ILL	24169	10918	31.5	32.2	28.4	28.1	27.0	25.3	26.4	25.8
U OF ILL-NAVY PIER	4597	2226	20.0	35.5	24.0	9.0	22.3	26.0	19.0	
WESTERN ILL U	3797	1381	23.2	29.1	28.8					
MEAN			21.9□	29.2□	24.9□	21.1□	25.8□	25.4□	21.7□	20.6□
PUBLIC TEACHERS COLLEGES										
CHGO TCH COLLEGE S	5727	565	30.0	29.3	32.0			36.0		25.0
CHGO TCH COLLEGE N	1645	726	23.6	19.9	27.9				5.0	16.0
MEAN			26.8□	24.6□	30.0□			36.0□	5.0□	20.5□
PUBLIC 2-YEAR COLLEGES										
CENTRALIA TWP JR C	465									
CC JC AMUNDSEN	3038									
CC JC BOGAN	3156									
CC JC CRANE	2421									
CC JC WRIGHT	7695	1364	36.5	39.3	39.0	45.0				
CC JC FENGER	1149									
CC JC LOOP	2479	195		7.7	4.5					
MEAN			36.5□	23.5□	21.8□	45.0□				
NONPUBLIC UNIVERSITIES										
X2	5200	1726	17.1	26.7	29.0	32.0	26.0	20.0		31.0
X7	5688									
X14	8233									
X19	1918	762	10.4	17.1	19.4	19.7		23.0		
X21	8187	1504	8.1	17.1	21.3	14.3	14.0			
X24	9955	2152	9.8	21.8	25.8	28.6	12.3	20.0		
X27	7109	1141	9.3	20.0	14.0		22.0		9.0	17.0
X30	1181	753	12.0	20.5	21.8	21.0	16.0			10.0
X32	16636									
MEAN			11.1□	20.5□	21.9□	23.1□	18.1□	21.0□	9.0□	19.3□
NONPUBLIC COLLEGES										
C1	1197									
C3	2404									
C6	399									
C8	656	308	19.5	24.8	19.0	27.0				
C9	856	376	17.0	22.4	26.8					
C10	449									

C11	1346	346	14.0	25.2	17.3					
C12	541	369	13.3	20.2	23.5					
C13	659									
C15	1532									
C17	636	232	5.0	16.6	23.5	23.0	25.0			
C18	598	404	16.0	21.6	28.0		9.0			
C20	416	159	12.0	18.8	14.0	20.0				
C22	978	690	16.0	24.3	17.0	5.0				
C23	551	402	22.5	18.3	14.5			30.0		
C25	310	178	11.1	14.8	7.5					
C26	1436									
C28	1693									
C29	1148									
C31	971	555	15.1	18.5	20.8		17.0			28.0
C33	1226	655	16.3	26.4	21.5	19.0				
C34	718	299	13.8	20.7	14.3	28.0				
C35	1125									
C36	1913	1032	19.6	22.0	21.8	23.0		13.0		7.0
C37	1138									
C38	1199	606	12.2	23.1	30.5	21.7				
C39	1225									
C41	526	336	16.9	20.0		24.0	14.0			
C43	891	555	15.9	27.5	24.5	18.0				10.0
C44	1140	661	19.5	23.5	20.2	13.0				
C45	280	178	16.9	21.0				5.0		
MEAN			15.4¤	21.6¤	20.3¤	20.2¤	16.3¤	16.0¤		15.0¤
NONPUBLIC 2-YEAR COLLEGES										
N4	229	370	19.7	23.5						
N5	703	312	13.2	19.5	15.4					
N16	473	240	20.3	28.5	21.0					
N40	404	184	18.4	23.7		21.0				
MEAN			17.9¤	23.8¤	18.2¤	21.0¤				
INSTITUTIONS WITH SHARED FACILITIES										
N42	114	94		10.9	7.0					
BELLEVILLE JR COLL	2238	238	6.0	6.5	1.0		2.7			
BLOOM TWP COMM C	759	140		28.0						
CANTON COMM C	469	180	9.1	19.2						
CC JC SOUTHEAST	2517	208	17.0	10.1						
CC JC WILSON	4866	1026	22.0	25.3	47.0		42.0	46.0		
DANVILLE JR C	554	127	4.0	6.9				2.0		
ELGIN COMM C	1283	159	19.4	23.0						
JOLIET JR C	2099	1134	14.9	13.2				3.0		
LASALLE-PERU-OGSBY	398	142	4.0	4.7	5.0	11.0				11.0
LYONS TWP JR C	914	226	11.6	11.7		4.0				
BLACK HAWK C	1503	341	6.2	17.2						
MORTON JR C	1777	484	10.5	14.8	4.0					
MT VERNON COMM C	343	151	15.1	5.0						
S EASTERN ILL C	269	165	16.5	12.0						
THORNTON JR C	1720	363	8.8	15.1	24.0					
WABASH VALLEY C	286	60	6.8	4.0		2.0				
MEAN-GRAND			17.4¤	23.4¤	22.0¤	22.1¤	21.0¤	22.3¤	18.1¤	18.9¤
MEDIAN-GRAND			16.9¤	22.4¤	21.5¤	22.0¤	21.6¤	24.0¤	20.0¤	18.5¤

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE C7

DISTRIBUTION OF CLASS PERIOD MEETINGS PER WEEK BY CLASS SIZE IN CLASSROOMS

INSTITUTION	ENROLLMENT	AVG CLASS SIZE	ACCUMULATED PERCENT OF ALL CLASSES											
			1-10	11-20	21-30	31-40	41-50	51-60	61-80	81-100	101-150	151-200	201-250	250-UP
STATE UNIVERSITIES														
EASTERN ILL U	3435	24.3	7.2	33.6	72.3	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
ILL STATE NORMAL U	6015	29.3		9.9	29.7	79.3	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO ILL U	9137	33.3	9.9	31.1	65.0	85.5	91.1	93.7	96.1	97.5	99.0	99.0	99.2	100.0
SO ILL U	11619	32.3	14.4	39.3	68.8	86.9	93.8	95.2	96.9	97.6	98.2	98.8	99.5	100.0
SO ILL-EDWSVILLE	4625	23.9	18.7	51.1	78.5	90.0	94.0	94.9	96.5	98.6	100.0	100.0	100.0	100.0
U OF ILL	24169	26.8	9.6	44.9	81.1	90.9	93.7	95.3	97.2	98.0	98.8	99.3	99.6	100.0
U OF ILL-NAVY PIER	4597	26.0	2.5	27.0	89.8	96.3	96.8	97.2	97.6	98.3	99.2	99.8	100.0	100.0
WESTERN ILL U	3797	31.6	8.4	21.3	54.9	72.3	90.9	96.3	99.7	99.7	100.0	100.0	100.0	100.0
MEAN		□ 28.4	10.1	32.3	67.5	87.6	94.7	96.6	98.0	98.7	99.4	99.6	99.8	100.0
PUBLIC TEACHERS COLLEGES														
CHGO TCH COLLEGE S	5727	38.3	5.9	24.1	46.6	91.1	92.8	92.8	93.0	93.7	95.8	98.1	98.6	100.0
CHGO TCH COLLEGE N	1645	27.9	7.9	25.5	62.8	92.3	97.2	98.5	99.0	99.4	99.9	99.9	99.9	100.0
MEAN		□ 33.1	6.9	24.8	54.7	91.7	95.0	95.7	96.0	96.6	97.9	99.0	99.3	100.0
PUBLIC 2-YEAR COLLEGES														
CENTRALIA TWP JR C	465													
CC JC AMUNDSEN	3038													
CC JC BOGAN	3156													
CC JC CRANE	2421													
CC JC WRIGHT	7695	56.6		6.0	33.0	69.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CC JC FENGER	1149													
CC JC LOOP	2479	30.4	.6	12.0	47.2	90.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MEAN		□ 43.5	.6	9.0	40.1	79.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NONPUBLIC UNIVERSITIES														
X2	5200	29.3	9.4	33.6	63.8	87.4	93.8	95.5	97.2	98.6	99.1	99.3	99.6	100.0
X7	5688													
X14	8233													
X19	1918	21.5	21.2	53.8	80.0	89.3	95.5	98.0	99.4	100.0	100.0	100.0	100.0	100.0
X21	8187	30.4		33.3	56.6	76.6	90.6	95.6	99.0	100.0	100.0	100.0	100.0	100.0
X24	9955	30.4	7.0	24.0	53.0	78.0	93.0	96.0	98.0	99.6	100.0	100.0	100.0	100.0
X27	7109	25.2	12.9	41.0	69.5	93.1	97.1	98.2	98.9	99.3	99.7	100.0	100.0	100.0
X30	1181	23.7	24.0	49.4	76.6	89.5	95.1	98.2	98.8	98.8	99.2	99.2	99.7	100.0
X32	16636													
MEAN		□ 26.8	14.9	39.2	66.6	85.7	94.2	96.9	98.6	99.4	99.7	99.8	99.9	100.0
NONPUBLIC COLLEGES														
C1	1197													
C3	2404													
C6	399													
C8	656	24.5	21.0	39.3	63.9	84.3	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
C9	856	23.9	19.4	38.7	70.2	93.8	97.3	98.8	100.0	100.0	100.0	100.0	100.0	100.0
C10	449													

C11	1346	17.1	30.7	69.9	91.5	95.1	96.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0
C12	541	16.7	36.8	64.0	89.6	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
C13	659													
C15	1532													
C17	636	24.3	18.9	39.3	74.4	89.6	97.0	97.0	100.0	100.0	100.0	100.0	100.0	100.0
C18	598	18.3	30.2	59.2	84.7	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
C20	416	26.7	17.0	39.8	63.2	81.9	90.7	96.0	97.7	100.0	100.0	100.0	100.0	100.0
C22	978	18.8	33.9	57.4	82.1	96.8	98.5	98.9	99.7	100.0	100.0	100.0	100.0	100.0
C23	551	18.8	23.9	79.6	89.8	93.5	96.0	97.5	98.8	98.8	100.0	100.0	100.0	100.0
C25	310	21.8	21.3	56.7	84.8	92.1	94.4	94.4	100.0	100.0	100.0	100.0	100.0	100.0
C26	1436													
C28	1693													
C29	1148													
C31	971	22.6	24.6	63.5	88.1	91.4	92.1	93.2	94.6	97.3	98.4	100.0	100.0	100.0
C33	1226	25.2	17.4	39.8	62.0	82.6	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
C34	718	26.8	13.8	36.5	62.1	80.5	88.4	97.3	99.0	100.0	100.0	100.0	100.0	100.0
C35	1125													
C36	1913	25.6	18.3	44.1	72.6	86.3	92.8	97.1	99.0	99.5	99.9	99.9	99.9	100.0
C37	1138													
C38	1199	22.3	22.7	49.5	77.0	90.5	97.2	98.7	99.7	100.0	100.0	100.0	100.0	100.0
C39	1225													
C41	526	21.4	26.4	51.9	80.1	89.3	94.7	97.3	99.4	100.0	100.0	100.0	100.0	100.0
C43	891	21.3	22.2	43.6	77.1	88.6	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
C44	1140	21.8	11.4	50.1	77.5	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
C45	280	17.8	9.1	72.2	96.5	97.2	97.2	97.2	99.4	100.0	100.0	100.0	100.0	100.0
MEAN		□ 21.9	22.1	52.4	78.3	90.7	95.8	98.0	99.3	99.8	99.9	100.0	100.0	100.0
NONPUBLIC 2-YEAR COLLEGES														
N4	229	14.4	37.9	72.2	92.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
N5	703	22.3	16.2	41.6	80.3	96.7	98.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0
N16	473	21.2	8.0	53.0	92.0	98.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0
N40	404	26.3	10.3	39.7	63.0	94.0	94.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0
MEAN		□ 21.1	18.1	51.6	82.0	96.8	97.8	99.3	99.8	100.0	100.0	100.0	100.0	100.0
INSTITUTIONS WITH SHARED FACILITIES														
N42	114	18.5	24.5	61.7	78.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
BELLEVILLE JR COLL	2238	23.2	9.8	46.6	75.7	93.9	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0
BLOOM TWP COMM C	759	20.0	13.5	58.9	90.8	96.2	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CANTON COMM C	469	19.1	19.9	54.6	78.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CC JC SOUTHEAST	2517	31.4	.5	6.0	40.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CC JC WILSON	4866	31.0	.6	12.6	49.4	92.8	97.1	98.5	99.1	99.3	99.9	100.0	100.0	100.0
DANVILLE JR C	554	25.6	4.5	32.6	69.7	93.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ELGIN COMM C	1283	21.7	10.6	34.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
JOLIET JR C	2099	20.9	8.6	43.8	94.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
LASALLE-PERU-OGSBY	398	23.1	12.1	42.4	71.5	91.5	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
LYONS TWP JR C	914	23.8	2.2	32.3	79.6	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
BLACK HAWK C	1503	26.1	6.0	28.0	66.0	92.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MORTON JR C	1777	24.3	4.7	29.9	87.5	97.0	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
MT VERNON COMM C	343	24.8	3.3	37.2	82.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
S EASTERN ILL C	269	13.6	35.4	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
THORNTON JR C	1720	26.4	10.1	31.7	74.9	93.7	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0
WABASH VALLEY C	286	18.2	18.6	61.8	87.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MEAN-GRAND		□ 25.4	17.1	43.0	71.8	89.4	95.7	97.7	98.8	99.4	99.7	99.8	99.9	100.0
MEDIAN-GRAND		□ 24.3	17.2	41.0	74.4	90.5	96.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE D1

SUMMARY OF TEACHING LABORATORY DATA

INSTITUTION	TOTAL CAP. OF TEACHING LABS	TOTAL AREA SQ.FT.	TOTAL RM. PERIOD USAGE 7AM-5PM	TOTAL STUDENT CLKHRS 7AM-5PM	TOTAL RM. PERIOD USAGE 5-10PM	TOTAL STUDENT CLKHRS. 5-10PM	TOTAL STUDENT CLKHRS.	SQ.FT. PER STATION	SQ.FT. PER STUDENT
STATE UNIVERSITIES									
EASTERN ILL U	759	32436	661	12979	13	196	13175	42.7	9.4
ILL STATE NORMAL U	751	46159	665	11032	57	666	11698	61.4	7.7
NO ILL U	964	52595	586	10493	101	1639	12132	54.5	5.8
SO ILL U	2409	151882	2127	36060	382	9045	45105	63.1	13.1
SO ILL-EDWSVILLE	386	13914	104	1922	54	774	2696	36.0	3.0
U OF ILL	6176	503955	4919	108213	104	1976	110189	81.6	20.9
U OF ILL-NAVY PIER	1404	81839	1062	23327	53	873	24200	58.2	17.8
WESTERN ILL U	1418	103177	773	17074	40	582	17656	72.7	27.2
MEAN								58.8□	13.1□
PUBLIC TEACHERS COLLEGES									
CHGO TCH COLLEGE S	347	12996	316	7699	81	1378	9077	37.4	2.3
CHGO TCH COLLEGE N	260	6126	97	2098	2	28	2126	23.5	3.7
MEAN								30.5□	3.0□
PUBLIC 2-YEAR COLLEGES									
CENTRALIA TWP JR C									
CC JC AMUNDSEN									
CC JC BOGAN									
CC JC CRANE									
CC JC WRIGHT	185	8972	274	8010	120	11267	19277	48.4	1.2
CC JC FENGER									
CC JC LOOP	66	2048	18	404	18	396	800	31.0	.8
MEAN								39.7□	1.0□
NONPUBLIC UNIVERSITIES									
X2	1038	62595	564	11516	91	1823	13339	60.3	12.0
X7									
X14									
X19	413	29360	412	2797	80	245	3042	71.0	15.3
X21	262	7935	136	1898	62	1013	2911	30.2	1.0
X24	427	10990	204	6234	32	887	7121	25.7	1.1
X27	1291	107119	549	14413	233	4857	19270	82.9	15.1
X30	242	12438	116	1588	5	74	1662	51.4	10.5
X32									
MEAN								53.6□	9.2□
NONPUBLIC COLLEGES									
C1									
C3									
C6									
C8	223	6576	70	1521	2	9	1530	29.4	10.0
C9	271	7226	116	1781	2	8	1789	26.6	8.4
C10									

C11	288	13621	126	1603	35	530	2133	47.3	10.1
C12	313	9793	166	1685	4	26	1711	31.2	18.1
C13									
C15									
C17	94	3710	45	867	1	15	882	39.4	5.8
C18	196	6593	98	1146			1146	33.6	11.0
C20	93	4084	40	955			955	43.9	9.8
C22	190	13423	70	835			835	70.6	13.7
C23	275	15918	190	2317	10	124	2441	57.8	28.9
C25	74	1893	45	705			705	25.5	6.1
C26									
C28									
C29									
C31	228	7951	87	1557			1557	34.8	8.2
C33	319	9976	213	2865			2865	31.2	8.1
C34	116	3477	57	954			954	29.9	4.8
C35									
C36	640	51727	296	6846	15	73	6919	80.8	27.0
C37									
C38	230	18613	97	1270	1	7	1277	81.0	15.5
C39									
C41	169	8939	69	1109			1109	52.9	17.0
C43	355		105	759			759		
C44	180	15379	110	485			485	85.4	13.5
C45	58	5050	31	502			502	87.0	18.0
MEAN								49.4□	12.3□
NONPUBLIC 2-YEAR COLLEGES									
N4	108	3601	96	1099			1099	33.3	15.7
N5	224	11423	77	1608	8	159	1767	50.9	16.2
N16	38	1500	22	353	4	32	385	39.4	3.2
N40	70	2018	46	471	9	54	525	28.8	5.0
MEAN								38.1□	10.0□
INSTITUTIONS WITH SHARED FACILITIES									
N42	112	3344	25	323			323	29.8	29.3
BELLEVILLE JR COLL	610	23440	470	10749	131	2954	13703	38.4	10.5
BLOOM TWP COMM C	65	3285	59	1106	18	237	1343	50.5	4.3
CANTON COMM C	247	7053	85	1251	10	151	1402	28.5	15.0
CC JC SOUTHEAST	66	5500	56	1438	36	1047	2485	83.3	2.2
CC JC WILSON	189	8994	147	4622	37	1055	5677	47.6	1.8
DANVILLE JR C	97	4491	19	485	8	248	733	46.3	8.1
ELGIN COMM C	191	7170	71	1526			1526	37.5	5.6
JOLIET JR C									
LASALLE-PERU-OGSBY	263	6720	62	1653	17	232	1885	25.5	16.9
LYONS TWP JR C	154	8672	81	1677			1677	56.3	9.5
BLACK HAWK C	210	6891	111	2448	46	761	3209	32.8	4.6
MORTON JR C	512	16616	251	4562	55	1201	5763	32.4	9.4
MT VERNON COMM C	24	928	12	160			160	38.6	2.7
S EASTERN ILL C	297	6956	79	810	11	129	939	23.4	25.9
THORNTON JR C	152	8635	88	1915	12	237	2152	56.8	5.0
WABASH VALLEY C	65	3288	29	388	12	204	592	50.5	11.5
MEAN-GRAND								49.3□	10.8□

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE D2

AVERAGE ROOM PERIOD USAGE PER WEEK OF TEACHING LABORATORIES

INSTITUTION	ENROLL-MENT	NO. OF TEACH. LABS	AVERAGE CLASS SIZE	AVERAGE ROOM PERIOD USAGE PER WEEK 7AM-5PM 0 10 20 30 40	WEIGHTED RM.PD. USAGE 5-10PM IN TERMS OF PERCENT OF 7AM-5PM USAGE•
STATE UNIVERSITIES					
EASTERN ILL U	3435	30	19.5	XXXXXXXXXXXXXXXXXXXXXX22.0	4.3
ILL STATE NORMAL U	6015	36	16.2	XXXXXXXXXXXXXXXXXX18.4	18.8
NU ILL U	9137	40	17.6	XXXXXXXXXXXXXX14.6	37.9
SO ILL U	11619	109	18.0	XXXXXXXXXXXXXXXXXXX19.5	39.5
SO ILL-EDWSVILLE	4625	13	17.0	XXXXXXXX 8.0	114.2
U OF ILL	24169	219	21.9	XXXXXXXXXXXXXXXXXXXXXX22.4	4.6
U OF ILL-NAVY PIER	4597	40	21.7	XXXXXXXXXXXXXXXXXXXXXXXXXX26.5	10.9
WESTERN ILL U	3797	51	21.7	XXXXXXXXXXXXXXX15.1	11.3
MEAN				XXXXXXXXXXXXXXXXXX18.3□	30.2□
PUBLIC TEACHERS COLLEGES					
CHGO TCH COLLEGE S	5727	12	22.8	XXXXXXXXXXXXXXXXXXXXXXXXXX26.3	56.3
CHGO TCH COLLEGE N	1645	6	21.4	XXXXXXXXXXXXXXXX16.1	4.5
MEAN				XXXXXXXXXXXXXXXXXXXXX21.2□	30.4□
PUBLIC 2-YEAR COLLEGES					
CENTRALIA TWP JR C	465				
CC JC AMUNDSEN	3038				
CC JC BOGAN	3156				
CC JC CRANE	2421				
CC JC WRIGHT	7695	9	48.9	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX30.4	96.3
CC JC FENGER	1149				
CC JC LOOP	2479	2	22.2	XXXXXXXXX 9.0	220.0
MEAN				XXXXXXXXXXXXXXXXXXX19.7□	58.2□
NONPUBLIC UNIVERSITIES					
X2	5200	34	20.4	XXXXXXXXXXXXXXXX16.6	35.5
X7	5688				
X14	8233				
X19	1918	41	6.1	XXXXXXXXXX10.0	42.7
X21	8187	9	14.7	XXXXXXXXXXXXXXX15.1	100.2
X24	9955	12	30.2	XXXXXXXXXXXXXXXXX17.0	34.5
X27	7109	43	24.6	XXXXXXXXXXXX12.7	93.3
X30	1181	10	13.7	XXXXXXXXXXX11.6	9.5
X32	16636				
MEAN				XXXXXXXXXXXXX13.8□	52.6□
NONPUBLIC COLLEGES					
C1	1197				
C3	2404				
C6	399				
C8	656	9	21.2	XXXXXXX 7.7	6.2
C9	856	12	15.1	XXXXXXXXX 9.6	3.7
C10	449				

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C11                           1346      18      13.3    XXXXXXX 7.0                             61.1
C12                            541      13      10.0    XXXXXXXXXXXX12.7                         5.3
C13                            659
C15                           1532
C17                            636       3      19.1    XXXXXXXXXXXXXXX15.0                      4.8
C18                            598       9      11.6    XXXXXXXXXX10.8
C20                            416       3      23.8    XXXXXXXXXXXXX13.3
C22                            978       8      11.9    XXXXXXXX 8.7
C23                            551      15      12.2    XXXXXXXXXXXX12.6                        11.5
C25                            310       3      15.6    XXXXXXXXXXXXXXX15.0
C26                           1436
C28                           1693
C29                           1148
C31                            971       7      17.8    XXXXXXXXXXXX12.4
C33                           1226      14      13.4    XXXXXXXXXXXXXXX15.2
C34                            718       3      16.7    XXXXXXXXXXXXXXXXXXX19.0
C35                           1125
C36                           1913      25      22.2    XXXXXXXXXXX11.8                         11.1
C37                           1138
C38                           1199      13      13.1    XXXXXXX 7.5                              2.3
C39                           1225
C41                            526       7      16.1    XXXXXXXXX 9.9
C43                            891      12       7.2    XXXXXXXX 8.7
C44                           1140       8       4.4    XXXXXXXXXXXXX13.7
C45                            280       3      16.1    XXXXXXXXXX10.3
    MEAN                                                XXXXXXXXXXX11.6*                        13.3*

  NONPUBLIC 2-YEAR COLLEGES
N4                             229       7      11.4    XXXXXXXXXXXXX13.7
N5                             703       8      20.7    XXXXXXXXX 9.6                           22.8
N16                            473       1      14.8    XXXXXXXXXXXXXXXXXXXXXX22.0              40.0
N40                            404       5       9.5    XXXXXXXXX 9.2                           43.0
    MEAN                                                XXXXXXXXXXXXX13.6*                      35.3*

  INSTITUTIONS WITH SHARED FACILITIES
N42                            114       4      12.9    XXXXXX 6.2
BELLEVILLE JR COLL            2238      20      22.8    XXXXXXXXXXXXXXXXXXXXXXX23.5             61.3
BLOOM TWP COMM C               759       2      17.4    XXXXXXXXXXXXXXXXXXXXXXXXXXXXX29.5       67.1
CANTON COMM C                  469       8      14.7    XXXXXXXXXX10.6                          25.8
CC JC SOUTHEAST               2517       3      27.0    XXXXXXXXXXXXXXXXXX18.6                 141.4
CC JC WILSON                  4866       5      30.8    XXXXXXXXXXXXXXXXXXXXXXXXXXXXX29.4       55.3
DANVILLE JR C                  554       3      27.1    XXXXXX 6.3                              92.6
ELGIN COMM C                  1283       7      21.4    XXXXXXXXXX10.1
JOLIET JR C                   2099
LASALLE-PERU-OGSBY             398       6      23.8    XXXXXXXXXX10.3                          60.3
LYONS TWP JR C                 914       6      20.7    XXXXXXXXXXXXX13.5
BLACK HAWK C                  1503       7      20.4    XXXXXXXXXXXXXXX15.8                     91.1
MORTON JR C                   1777      16      18.8    XXXXXXXXXXXXXXX15.6                     48.2
MT VERNON COMM C               343       1      13.3    XXXXXXXXXXXX12.0
S EASTERN ILL C                269       8      10.4    XXXXXXXXX 9.9                           30.6
THORNTON JR C                 1720       6      21.5    XXXXXXXXXXXXXX14.6                      30.0
WABASH VALLEY C                286       3      14.4    XXXXXXXXX 9.6                           91.0

   MEAN-GRAND                                           XXXXXXXXXXXXXX14.3*                     39.5*
   MEDIAN-GRAND                                         XXXXXXXXXXXXX13.3*                      22.8*


* THIS VALUE OBTAINED BY MULTIPLYING 5-10PM USAGE X 5500/25 AND DIVIDING BY 7AM-5PM USAGE
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STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE D3

AVERAGE NUMBER CF STUDENT HOURS PER WEEK PER STATION IN TEACHING LABORATORIES

INSTITUTION	ENRCLL-MENT	AVERAGE STUDENT HOURS PER WEEK PER STATION 7AM-5PM 0 10 20 30 40	WEIGHTED STUDENT HOURS/STATION 5-10PM IN PERCENT OF 7AM-5PM USAGE*
STATE UNIVERSITIES			
EASTERN ILL U	3435	XXXXXXXXXXXXXXXXX17.1	3.3
ILL STATE NORMAL U	6015	XXXXXXXXXXXXXX14.7	13.3
NO ILL U	9137	XXXXXXXXXX10.9	34.3
SO ILL U	11619	XXXXXXXXXXXXXXX15.0	55.2
SO ILL-EDWSVILLE	4625	XXXX 4.9	88.5
U OF ILL	24169	XXXXXXXXXXXXXXXXX17.5	4.0
U OF ILL-NAVY PIER	4597	XXXXXXXXXXXXXXXX16.6	8.2
WESTERN ILL U	3797	XXXXXXXXXXXX12.0	7.5
MEAN		XXXXXXXXXXXXX13.6□	26.8□
PUBLIC TEACHERS COLLEGES			
CHGO TCH CCLLEGE S	5727	XXXXXXXXXXXXXXXXXXXXXX22.1	39.3
CHGO TCH CCLLEGE N	1645	XXXXXXXX 8.0	2.9
MEAN		XXXXXXXXXXXXXXX15.1□	21.1□
PUBLIC 2-YEAR COLLEGES			
CENTRALIA TWP JR C	465		
CC JC AMUNDSEN	3038		
CC JC BCGAN	3156		
CC JC CRANE	2421		
CC JC WRIGHT	7695		309.4
CC JC FENGER	1149		
CC JC LCCP	2479	XXXXXX 6.1	215.6
MEAN		XXXXXX 6.1□	15.6□
NONPUBLIC UNIVERSITIES			
X2	5200	XXXXXXXXXXX11.1	34.8
X7	5688		
X14	8233		
X19	1918	XXXXXX 6.7	19.2
X21	8187	XXXXXXX 7.2	117.4
X24	9955	XXXXXXXXXXXXXX14.6	31.3
X27	7109	XXXXXXXXXXX11.1	74.1
X30	1181	XXXXXX 6.6	10.2
X32	16636		
MEAN		XXXXXXXXX 9.6□	47.8□
NCNPUBLIC CCLLEGES			
C1	1197		
C3	2404		
C6	399		
C8	656	XXXXXX 6.8	1.3
C9	856	XXXXXX 6.5	.9
C10	449		

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C11                                      1346          XXXXX 5.6                                      72.8
C12                                       541          XXXXX 5.3                                       3.3
C13                                       659
C15                                      1532
C17                                       636          XXXXXXXXX 9.2                                   3.8
C18                                       598          XXXXX 5.8
C20                                       416          XXXXXXXXXX10.2
C22                                       978          XXXX 4.3
C23                                       551          XXXXXXXX 8.4                                   11.7
C25                                       310          XXXXXXXXX 9.5
C26                                      1436
C28                                      1693
C29                                      1148
C31                                       971          XXXXXX 6.8
C33                                      1226          XXXXXXXX 8.9
C34                                       718          XXXXXXXX 8.2
C35                                      1125
C36                                      1913          XXXXXXXXXX10.6                                  2.3
C37                                      1138
C38                                      1199          XXXXX 5.6                                       1.2
C39                                      1225
C41                                       526          XXXXXX 6.6
C43                                       891          XX 2.1
C44                                      1140          XX 2.6
C45                                       280          XXXXXXXX 8.6
    MEAN                                               XXXXXX 6.9□                                    12.2□

  NONPUBLIC 2-YEAR COLLEGES
N4                                        229          XXXXXXXXXX10.1
N5                                        703          XXXXXXX 7.1                                    21.7
N16                                       473          XXXXXXXXX 9.2                                  19.9
N40                                       404          XXXXXX 6.7                                     25.2
    MEAN                                               XXXXXXXX 8.3□                                  22.3□

  INSTITUTIONS WITH SHARED FACILITIES
N42                                       114          XX 2.8
BELLEVILLE JR COLL                       2238          XXXXXXXXXXXXXXXXX17.6                          60.4
BLOOM TWP COMM C                          759          XXXXXXXXXXXXXXXXX17.0                          47.1
CANTON COMM C                             469          XXXXX 5.0                                      26.5
CC JC SCUTHEAST                          2517          XXXXXXXXXXXXXXXXXXXXX21.7                     160.1
CC JC WILSCN                             4866          XXXXXXXXXXXXXXXXXXXXXXXX24.4                   50.2
DANVILLE JR C                             554          XXXXX 5.0                                     112.5
ELGIN COMM C                             1283          XXXXXXX 7.9
JOLIET JR C                              2099
LASALLE-PERU-OGSBY                        398          XXXXXX 6.2                                     30.8
LYONS TWP JR C                            914          XXXXXXXXXX10.8
BLACK HAWK C                             1503          XXXXXXXXXXX11.6                                68.4
MORTCN JR C                              1777          XXXXXXXX 8.9                                   57.9
MT VERNCN COMM C                          343          XXXXXX 6.6
S EASTERN ILL C                           269          XX 2.7                                         35.0
THORNTON JR C                            1720          XXXXXXXXXXXX12.5                               27.2
WABASH VALLEY C                           286          XXXXX 5.9                                     115.6

   MEAN-GRAND                                          XXXXXXXXXX10.0□                                42.5□
   MEDIAN-GRAND                                        XXXXXXXX 8.4□                                  19.2□

• THIS VALUE OBTAINED BY MULTIPLYING 5-10PM USAGE X 5500/25 AND DIVIDING BY 7AM-5PM USAGE
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STATE OF ILLINOIS BOARD OF HIGHER EDUCATIUN
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE D4

PERCENT OF STUDENT STATIONS IN USE WHEN TEACHING LABORATORIES WERE IN USE 7AM-5PM

INSTITUTION	ENROLLMENT	PERCENT OF STATION UTILIZATION WHEN IN USE
STATE UNIVERSITIES		
EASTERN ILL U	3435	77.7
ILL STATE NORMAL U	6015	79.8
NO ILL U	9137	74.5
SO ILL U	11619	76.8
SO ILL-EDWSVILLE	4625	62.2
U OF ILL	24169	78.2
U OF ILL-NAVY PIER	4597	62.6
WESTERN ILL U	3797	79.7
MEAN		74.0□
PUBLIC TEACHERS COLLEGES		
CHGO TCH COLLEGE S	5727	84.3
CHGO TCH CCLLEGE N	1645	50.1
MEAN		67.2□
PUBLIC 2-YEAR COLLEGES		
CENTRALIA TWP JR C	465	
CC JC AMUNDSEN	3038	
CC JC BOGAN	3156	
CC JC CRANE	2421	
CC JC WRIGHT	7695	42.4
CC JC FENGER	1149	
CC JC LOOP	2479	68.0
MEAN		55.2□
NONPUBLIC UNIVERSITIES		
X2	5200	66.8
X7	5688	
X14	8233	
X19	1918	67.7
X21	8187	47.9
X24	9955	85.9
X27	7109	87.9
X30	1181	56.6
X32	16636	
MEAN		68.8□
NONPUBLIC COLLEGES		
C1	1197	
C3	2404	
C6	399	
C8	656	88.5
C9	856	68.4
C10	449	

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C11                              1346   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX79.5
C12                               541   XXXXXXXXXXXXXXXXXXXXX42.3
C13                               659
C15                              1532
C17                               636   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX61.4
C18                               598   XXXXXXXXXXXXXXXXXXXXXXXXXXX54.1
C20                               416   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX77.2
C22                               978   XXXXXXXXXXXXXXXXXXXXXXXXX50.5
C23                               551   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX66.8
C25                               310   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX63.5
C26                              1436
C28                              1693
C29                              1148
C31                               971   XXXXXXXXXXXXXXXXXXXXXXXXXXX55.0
C33                              1226   XXXXXXXXXXXXXXXXXXXXXXXXXXXXX59.0
C34                               718   XXXXXXXXXXXXXXXXXXXXX43.2
C35                              1125
C36                              1913   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX90.6
C37                              1138
C38                              1199   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX73.7
C39                              1225
C41                               526   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX66.3
C43                               891   XXXXXXXXXXXX24.5
C44                              1140   XXXXXXXXX19.6
C45                               280   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX84.0
   MEAN                                 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX61.4□

  NONPUBLIC 2-YEAR COLLEGES
N4                                229   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX74.3
N5                                703   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX74.7
N16                               473   XXXXXXXXXXXXXXXXXXXXX42.2
N40                               404   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX73.1
   MEAN                                 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX66.0□

  INSTITUTIONS WITH SHARED FACILITIES
N42                               114   XXXXXXXXXXXXXXXXXXXXXXX46.5
BELLEVILLE JR COLL               2238   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX74.9
BLOOM TWP COMM C                  759   XXXXXXXXXXXXXXXXXXXXXXXXXXXX57.7
CANTON COMM C                     469   XXXXXXXXXXXXXXXXXXXXXXX47.7
CC JC SOUTHEAST                  2517   XXXXXXXX17.1
CC JC WILSON                     4866   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX83.2
DANVILLE JR C                     554   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX79.4
ELGIN COMM C                     1283   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX79.1
JOLIET JR C                      2099
LASALLE-PERU-OGSBY                398   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX61.0
LYONS TWP JR C                    914   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX80.6
BLACK HAWK C                     1503   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX73.7
MORTON JR C                      1777   XXXXXXXXXXXXXXXXXXXXXXXXXXXX57.1
MT VERNON COMM C                  343   XXXXXXXXXXXXXXXXXXXXXXXXXXX55.5
S EASTERN ILL C                   269   XXXXXXXXXXXXX27.5
THORNTON JR C                    1720   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX86.3
WABASH VALLEY C                   286   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX62.1

    MEAN-GRAND                          XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX65.4
    MEDIAN-GRAND                        XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX67.7
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STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE D5

SQUARE FEET OF ASSIGNABLE FLOOR SPACE PER 100 HOURS OF TEACHING LABORATORY OCCUPANCY

INSTITUTION	ENROLLMENT	TOTAL TEACHING LAB AREA	TOTAL CLOCK-HOURS IN LAB	SQ.FT. PER 100 HOURS OF OCCUPANCY
STATE UNIVERSITIES				
EASTERN ILL U	3435	32436	12979	250
ILL STATE NORMAL U	6015	46159	11032	418
NO ILL U	9137	52595	10493	501
SO ILL U	11619	151882	36060	421
SO ILL-EDWSVILLE	4625	13914	1922	723
U OF ILL	24169	503955	108213	466
U OF ILL-NAVY PIER	4597	81839	23327	350
WESTERN ILL U	3797	103177	17074	604
MEAN				467□
PUBLIC TEACHERS COLLEGES				
CHGO TCH COLLEGE S	5727	12996	7699	168
CHGO TCH COLLEGE N	1645	6126	2098	291
MEAN				230□
PUBLIC 2-YEAR COLLEGES				
CENTRALIA TWP JR C	465			
CC JC AMUNDSEN	3038			
CC JC BOGAN	3156			
CC JC CRANE	2421			
CC JC WRIGHT	7695	8972	8010	112
CC JC FENGER	1149			
CC JC LOOP	2479	2048	404	506
MEAN				309□
NONPUBLIC UNIVERSITIES				
X2	5200	62595	11516	544
X7	5688			
X14	8233			
X19	1918	29360	2797	1049
X21	8187	7935	1898	418
X24	9955	10990	6234	176
X27	7109	107119	14413	743
X30	1181	12438	1588	783
X32	16636			
MEAN				619□
NONPUBLIC COLLEGES				
C1	1197			
C3	2404			
C6	399			
C8	656	6576	1521	432
C9	856	7226	1781	405
C10	449			

C11	1346	13621	1603	850
C12	541	9793	1685	581
C13	659			
C15	1532			
C17	636	3710	867	427
C18	598	6593	1146	575
C20	416	4084	955	427
C22	978	13423	835	1607
C23	551	15918	2317	687
C25	310	1893	705	268
C26	1436			
C28	1693			
C29	1148			
C31	971	7951	1557	510
C33	1226	9976	2865	348
C34	718	3477	954	364
C35	1125			
C36	1913	51727	6846	755
C37	1138			
C38	1199	18613	1270	1466
C39	1225			
C41	526	8939	1109	806
C43	891		759	
C44	1140	15379	485	3170
C45	280	5050	502	1005
MEAN				816□
NONPUBLIC 2-YEAR COLLEGES				
N4	229	3601	1099	327
N5	703	11423	1608	710
N16	473	1500	353	424
N40	404	2018	471	428
MEAN				472□
INSTITUTIONS WITH SHARED FACILITIES				
N42	114	3344	323	1035
BELLEVILLE JR COLL	2238	23440	10749	218
BLOOM TWP COMM C	759	3285	1106	297
CANTON COMM C	469	7053	1251	563
CC JC SOUTHEAST	2517	5500	1438	382
CC JC WILSON	4866	8994	4622	194
DANVILLE JR C	554	4491	485	926
ELGIN COMM C	1283	7170	1526	469
JOLIET JR C	2099			
LASALLE-PERU-OGSBY	398	6720	1653	406
LYONS TWP JR C	914	8672	1677	517
BLACK HAWK C	1503	6891	2448	281
MORTON JR C	1777	16616	4562	364
MT VERNON COMM C	343	928	160	580
S EASTERN ILL C	269	6956	810	859
THORNTON JR C	1720	8635	1915	450
WABASH VALLEY C	286	3288	388	847
MEAN-GRAND				627□
MEDIAN-GRAND				484□

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE F1

SUMMARY OF TOTAL OFFICE SPACE

INSTITUTION	TOTAL AREA SQ.FT.	HEAD COUNT OCCUPANCY				SQ.FT. PER OCCUPANT
		FULL TIME ACAD	PART TIME & GRAD ASST.	NON-ACAD	TOTAL HEAD COUNT	
STATE UNIVERSITIES						
EASTERN ILL U	32382	202	2	51	255	127.0
ILL STATE NORMAL U	50713	351	10	123	484	104.7
NO ILL U	81954	457	139	213	809	101.3
SO ILL U	205395	960	699	1135	3094	66.4
SO ILL-EDWSVILLE	55867	164	31	280	475	117.6
U OF ILL	779882	2810	2873	2314	7997	97.5
U OF ILL-NAVY PIER	60870	315	53	214	582	104.5
WESTERN ILL U	40198	213	16	93	322	124.8
MEAN						105.5□
PUBLIC TEACHERS COLLEGES						
CHGO TCH COLLEGE S	15192	109			109	139.3
CHGO TCH COLLEGE N	10531	118		3	121	87.0
MEAN						113.2□
PUBLIC 2-YEAR COLLEGES						
CENTRALIA TWP JR C						
CC JC AMUNDSEN						
CC JC BOGAN						
CC JC CRANE						
CC JC WRIGHT	13741	185	100	45	330	41.6
CC JC FENGER						
CC JC LOOP	7229	22	101	42	165	43.8
MEAN						42.7□
NONPUBLIC UNIVERSITIES						
X2	36672	191	22	81	294	124.7
X7						
X14						
X19	22919	56	31	15	102	224.6
X21	49345	252	5	179	436	113.1
X24	46568	290	179	116	585	79.6
X27	106897	241	187	229	657	162.7
X30	21138	101	3	40	144	146.8
X32						
MEAN						141.9□
NONPUBLIC COLLEGES						
C1						
C3						
C6						
C8	6477	28		21	49	132.1
C9						
C10						

C11	10343	40	5	35	80	129.3
C12	9481	54	1	21	76	124.7
C13						
C15						
C17	10736	42	2	29	73	147.0
C18	2965	15	6		21	141.1
C20	6788	35		23	58	117.0
C22	17082	91	7		89	191.9
C23	9985	49		32	81	123.2
C25	6095	21		22	43	141.7
C26						
C28						
C29						
C31	16518	63	4	32	99	166.8
C33						
C34	8362	30	4	22	56	149.3
C35						
C36	25420	131	3	61	195	130.3
C37						
C38	19357	62	15	41	117	165.5
C39						
C41	7232	29	3	20	52	139.1
C43						
C44	29246	80		67	147	198.9
C45	7270	24		25	49	148.3
MEAN						146.6□
NONPUBLIC 2-YEAR COLLEGES						
N4	8256	24		18	42	196.5
N5	4606	24		5	34	135.4
N16	6276	39	5	18	62	101.2
N40	3221	16	8	21	43	74.9
MEAN						127.0□
INSTITUTIONS WITH SHARED FACILITIES						
N42						
BELLEVILLE JR COLL	2247	34			34	66.0
BLOOM TWP COMM C	1883	19		2	21	89.6
CANTON COMM C	819	7	7	2	16	51.1
CC JC SOUTHEAST	4400	45		13	58	75.8
CC JC WILSON	11598	100		42	142	81.6
DANVILLE JR C	936	1		2	3	312.0
ELGIN COMM C	1846	17			17	108.5
JOLIET JR C	8572	73		7	80	107.1
LASALLE-PERU-OGSBY	956	6			6	159.3
LYONS TWP JR C						
BLACK HAWK C	3488	26	2	6	34	102.5
MORTON JR C	10750	38	23	48	109	98.6
MT VERNON COMM C	573	2			2	286.5
S EASTERN ILL C	1566	7		6	13	120.4
THORNTON JR C	1085	6	2	2	10	108.5
WABASH VALLEY C	600	3	3		6	100.0
MEAN-GRAND						127.9□
MEDIAN-GRAND						128.2

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE F2

OFFICE AREA OCCUPIED BY FULL TIME ACADEMIC PERSONNEL ONLY

INSTITUTION	TOTAL AREA*	HEAD COUNT FULL TIME ACADEMIC	SQ.FT. PER OCCUPANT
STATE UNIVERSITIES			
EASTERN ILL U	22527	182	123
ILL STATE NORMAL U	22291	259	86
NO ILL U	21778	221	98
SO ILL U	61534	551	111
SO ILL-EDWSVILLE	13976	142	98
U OF ILL	262941	2134	123
U OF ILL-NAVY PIER	10507	71	147
WESTERN ILL U	13954	138	101
MEAN			111□
WEIGHTED-MEAN			116□
PUBLIC TEACHERS COLLEGES			
CHGO TCH COLLEGE S	9734	101	96
CHGO TCH COLLEGE N	3360	75	44
MEAN			70□
WEIGHTED-MEAN			74□
PUBLIC 2-YEAR COLLEGES			
CENTRALIA TWP JR C			
CC JC AMUNDSEN			
CC JC BOGAN			
CC JC CRANE			
CC JC WRIGHT			
CC JC FENGER			
CC JC LOOP			
MEAN			□
WEIGHTED-MEAN			□
NONPUBLIC UNIVERSITIES			
X2	17532	144	121
X7			
X14			
X19	5916	43	137
X21	19309	230	83
X24	17008	165	103
X27	21636	168	128
X30	11424	86	132
X32			
MEAN			117□
WEIGHTED-MEAN			111□
NONPUBLIC COLLEGES			
C1			
C3			
C6			
C8	2644	28	94
C9			
C10			

C11	4212	35	120
C12	589	41	14
C13			
C15			
C17	3740	35	106
C18	1719	9	191
C20	3512	29	121
C22	15442	85	181
C23	4827	47	102
C25	1970	12	164
C26			
C28			
C29			
C31	10320	57	181
C33			
C34	3516	31	113
C35			
C36	13248	125	105
C37			
C38	9950	49	203
C39			
C41	2890	29	99
C43			
C44	5470	8	683
C45	3780	24	157
MEAN			165□
WEIGHTED-MEAN			136□
NONPUBLIC 2-YEAR COLLEGES			
N4	4435	23	192
N5	5386	26	207
N16	3431	37	92
N40	276	3	92
MEAN			146□
WEIGHTED-MEAN			152□
INSTITUTICNS WITH SHARED FACILITIES			
N42			
BELLEVILLE JR COLL	2247	13	172
BLOOM TWP COMM C	1400	19	73
CANTON COMM C	339	4	84
CC JC SCUTHEAST			
CC JC WILSCN			
DANVILLE JR C	312	1	312
ELGIN CCMM C	1846	17	108
JOLIET JR C	6237	56	111
LASALLE-PERU-OGSBY	956	6	159
LYONS TWP JR C			
BLACK HAWK C	1414	12	117
MORTON JR C	337	1	337
MT VERNCN COMM C			
S EASTERN ILL C	533	6	88
THORNTON JR C	117	1	117
WABASH VALLEY C	300	3	100
MEAN-GRAND			137□
MEAN-GRAND WEIGHTED			115□
MEDIAN-GRAND			117□

• TOTAL AREA DOES NOT INCLUDE CONFERENCE ROOMS

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE F3

OFFICE AREA OCCUPIED BY PART TIME FACULTY AND GRADUATE ASSISTANTS ONLY

INSTITUTION	TOTAL AREA*	HEAD COUNT	SQ.FT. PER OCCUPANT
STATE UNIVERSITIES			
EASTERN ILL U			
ILL STATE NORMAL U			
NU ILL U	2694	25	107
SO ILL U	20166	388	51
SO ILL-EDWSVILLE	2664	26	102
U OF ILL	118483	2201	53
U OF ILL-NAVY PIER	1198	11	108
WESTERN ILL U	220	2	110
MEAN			89□
WEIGHTED-MEAN			55□
PUBLIC TEACHERS COLLEGES			
CHGO TCH COLLEGE S			
CHGO TCH COLLEGE N			
MEAN			□
WEIGHTED-MEAN			□
PUBLIC 2-YEAR COLLEGES			
CENTRALIA TWP JR C			
CC JC AMUNDSEN			
CC JC BOGAN			
CC JC CRANE			
CC JC WRIGHT			
CC JC FENGER			
CC JC LOOP			
MEAN			□
WEIGHTED-MEAN			□
NONPUBLIC UNIVERSITIES			
X2	195	4	48
X7			
X14			
X19	1456	18	80
X21			
X24	2677	45	59
X27	12599	122	103
X30	96	2	48
X32			
MEAN			68□
WEIGHTED-MEAN			89□
NONPUBLIC COLLEGES			
C1			
C3			
C6			
C8			
C9			
C10			

C11	140	1	140
C12	90	1	90
C13			
C15			
C17			
C18			
C20			
C22	60	1	60
C23			
C25			
C26			
C28			
C29			
C31	322	1	322
C33			
C34	545	4	136
C35			
C36	2437	20	121
C37			
C38	825	9	91
C39			
C41	317	3	105
C43			
C44			
C45			
MEAN			133□
WEIGHTED-MEAN			118□
NONPUBLIC 2-YEAR COLLEGES			
N4			
N5	156	2	78
N16	1775	5	355
N40			
MEAN			217□
WEIGHTED-MEAN			276□
INSTITUTICNS WITH SHARED FACILITIES			
N42			
BELLEVILLE JR COLL			
BLOOM TWP COMM C			
CANTCN COMM C	112	4	28
CC JC SCUTHEAST			
CC JC WILSCN			
DANVILLE JR C			
ELGIN CCMM C			
JOLIET JR C			
LASALLE-PERU-CGSBY			
LYONS TWP JR C			
BLACK HAWK C			
MORTCN JR C			
MT VERNCN CCMM C			
S EASTERN ILL C			
THORNTCN JR C			
WABASH VALLEY C	300	3	100
MEAN-GRAND			113□
MEAN-GRAND WEIGHTED			59□
MEDIAN-GRAND			102□

• TOTAL AREA DOES NOT INCLUDE CONFERENCE ROOMS

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE F4

OFFICE AREA OCCUPIED BY NON-ACADEMIC PERSONNEL ONLY

INSTITUTION	TOTAL AREA*	HEAD COUNT	SQ.FT. PER OCCUPANT
STATE UNIVERSITIES			
EASTERN ILL U	3963	25	158
ILL STATE NORMAL U	8296	76	109
NO ILL U	9857	83	118
SO ILL U	39310	536	73
SO ILL-EDWSVILLE	32341	267	121
U OF ILL	187753	1935	97
U OF ILL-NAVY PIER	14597	142	102
WESTERN ILL U	5727	35	163
MEAN			118□
WEIGHTED-MEAN			97□
PUBLIC TEACHERS COLLEGES			
CHGO TCH COLLEGE S	1380	3	460
CHGO TCH COLLEGE N			
MEAN			460□
WEIGHTED-MEAN			460□
PUBLIC 2-YEAR COLLEGES			
CENTRALIA TWP JR C			
CC JC AMUNDSEN			
CC JC BOGAN			
CC JC CRANE			
CC JC WRIGHT			
CC JC FENGER			
CC JC LOOP			
MEAN			□
WEIGHTED-MEAN			□
NONPUBLIC UNIVERSITIES			
X2	1920	23	83
X7			
X14			
X19	6887	33	208
X21	22701	139	163
X24	9824	65	151
X27	24146	136	177
X30	3621	21	172
X32			
MEAN			159□
WEIGHTED-MEAN			166□
NONPUBLIC COLLEGES			
C1			
C3			
C6			
C8	3833	21	182
C9			
C10			

C11	4968	34	146
C12	1637	12	136
C13			
C15			
C17	6090	26	234
C18			
C20	1629	16	101
C22			
C23	4416	30	147
C25	3125	18	173
C26			
C28			
C29			
C31	4074	29	140
C33			
C34	3392	21	161
C35			
C36	6129	47	130
C37			
C38	5422	34	159
C39			
C41	2877	20	143
C43			
C44	6405	23	278
C45	2610	25	104
MEAN			160□
WEIGHTED-MEAN			159□
NONPUBLIC 2-YEAR COLLEGES			
N4	3772	17	221
N5	677	4	169
N16	870	16	54
N40	1844	21	87
MEAN			133□
WEIGHTED-MEAN			124□
INSTITUTIONS WITH SHARED FACILITIES			
N42			
BELLEVILLE JR COLL			
BLOOM TWP COMM C	483	2	241
CANTON COMM C	165	2	82
CC JC SOUTHEAST			
CC JC WILSON	124	4	31
DANVILLE JR C	624	2	312
ELGIN COMM C			
JOLIET JR C			
LASALLE-PERU-OGSBY			
LYONS TWP JR C			
BLACK HAWK C	2470	5	494
MORTON JR C			
MT VERNON COMM C			
S EASTERN ILL C	929	5	185
THORNTON JR C			
WABASH VALLEY C			
MEAN-GRAND			155□
MEAN-GRAND WEIGHTED			111□
MEDIAN-GRAND			147□

• TOTAL AREA DOES NOT INCLUDE CONFERENCE ROOMS

C11	32	7					82.0	18.0				
C12	30	6	1	1	1		76.9	15.3	2.6	2.6	2.6	
C13												
C15												
C17	18	6	3	3			60.0	20.0	10.0	10.0		
C18												
C20	23	3			1		85.3	11.1			3.6	
C22	30	16					65.0	35.0				
C23	54						100.0					
C25	7	3	1	1	1		53.8	23.1	7.7	7.7	7.7	
C26												
C28												
C29												
C31	46	6	2				85.2	11.1	3.7			
C33												
C34	17	4	1				77.3	18.2	4.5			
C35												
C36	84	26	3	1			73.7	22.8	2.6	.9		
C37												
C38	24	16	3		1	1	53.3	35.6	6.7		2.2	2.2
C39												
C41	14	6	1				66.7	28.5	4.8			
C43												
C44	43	17	1				70.5	27.9	1.6			
C45	16	1					94.0	6.0				
NONPUBLIC 2-YEAR COLLEGES												
N4	17	4					81.0	19.0				
N5	17						100.0					
N16	25	4	1		1		80.6	12.9	3.2		3.2	
N40	1	2	1	4			12.5	25.0	12.5	50.0		
INSTITUTIONS WITH SHARED FACILITIES												
N42												
BELLEVILLE JR COLL												
BLOOM TWP COMM C		4	2				74.6	25.4				
CANTON COMM C	3	5					37.5	62.5				
CC JC SCUTHEAST						1						100.0
CC JC WILSCN		2	2	2	3	5		14.3	14.3	14.3	21.4	35.7
DANVILLE JR C												
ELGIN COMM C	5	2					71.4	28.6				
JOLIET JR C	17		4	2	2	3	61.0		14.3	7.0	7.0	10.7
LASALLE-PERU-CGSBY	3						100.0					
LYONS TWP JR C	3	4	1			2	30.0	40.0	10.0			20.0
BLACK HAWK C			1		1	2			25.0		25.0	50.0
MORTON JR C	3	9	2	1	3	7	12.0	36.0	8.0	4.0	12.0	28.0
MT VERNCN COMM C												
S EASTERN ILL C	3	2					60.0	40.0				
THORNTON JR C					1						100.0	
WABASH VALLEY C		1						100.0				

STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE G

SUMMARY OF LIBRARY SPACE

INSTITUTION	ENROLLMENT	STACK AND SERV. AREA NET SQ.FT		READING AND STUDY AREA NET SQ.FT.		AREA OF CARRELS NET SQ.FT.	NO. OF CARRELS	NO. OF BOUND VOLUMES		NO. OF PERIODICALS	
		TOTAL	PER STU	TOTAL	PER STU			TOTAL	PER STU	TOTAL	PER STU
STATE UNIVERSITIES											
EASTERN ILL U	3435	10854	3.1	10750	3.1			117164	34	983	.3
ILL STATE NORMAL U	6015	27667	4.5	14022	2.3	504	84	250000	41	879	.1
NO ILL U	9137	17907	1.9	13646	1.4	672	39	177615	19	1643	.2
SO ILL U	11619	67142	5.7	39169	3.3			764500	65	4345	.3
SO ILL-EDWSVILLE	4625	10714	2.3	4924	1.0			101619	21	1591	.3
U OF ILL	24169	246494	10.2	111182	4.6	15920	242	3272412	135	21382	.8
U OF ILL-NAVY PIER	4597	20857	4.5	15376	3.3			140883	30	900	.2
WESTERN ILL U	3797	15245	4.0	18048	4.7	1274	68	113500	29	1240	.3
MEAN			4.5□		3.0□				47□		.3□
PUBLIC TEACHERS COLLEGES											
CHGO TCH COLLEGE S	5727	3434	.5	8766	1.5			85168	14	552	
CHGO TCH COLLEGE N	1645	448	.2	3952	2.4	3724	266	28000	17	330	.2
MEAN			.4□		2.0□				16□		.2□
PUBLIC 2-YEAR COLLEGES											
CENTRALIA TWP JR C	465										
CC JC AMUNDSEN	3038										
CC JC BOGAN	3156										
CC JC CRANE	2421										
CC JC WRIGHT	7695	6300	.8	5175	.6			57050	7	314	
CC JC FENGER	1149										
CC JC LOOP	2479	2527	1.0	3115	1.2			125		85	
MEAN			.9□		.9□				7□		
NONPUBLIC UNIVERSITIES											
X2	5200	13175	2.5	10530	2.0			130000	25	1004	.1
X7	5688										
X14	8233										
X19	1918	7905	4.1	5384	2.8	360	10	67543	35	350	.1
X21	8187	13268	1.6	11557	1.4	231	21	187075	22	1236	.1
X24	9955	24222	2.4	22467	2.2	580	20	223665	22	1360	.1
X27	7109	48200	6.7	44400	6.2			1000000	140	11500	1.6
X30	1181	3285	2.7	6824	5.7			76754	64	650	.5
X32	16636										
MEAN			3.3□		3.4□				51□		.4□
NONPUBLIC COLLEGES											
C1	1197										
C3	2404										
C6	399										
C8	656	4324	6.5	1369	2.0			53641	81	515	.7
C9	856	3479	4.0	2696	3.1	437	13	85000	99	300	.3
C10	449										

C11	1346	9600	7.1	8226	6.1	448	28	50000	37	437	.3
C12	541	4608	8.5	2624	4.8	96	6	38000	70	200	.3
C13	659										
C15	1532										
C17	636	1400	2.2	3900	6.1			45000	70	400	.6
C18	598	2836	4.7	2715	4.5			53000	88	340	.5
C20	416	2790	6.7	432	1.0			33000	79	175	.4
C22	978	5885	6.0	5306	5.4			84900	86	545	.5
C23	551	9600	17.4	26400	47.9		35	75000	136	525	.9
C25	310										
C26	1436										
C28	1693										
C29	1148										
C31	971	12145	12.5	6093	6.2	402	28	76025	78	412	.4
C33	1226	5242	4.2	4770	3.8	216	12	51100	41	370	.3
C34	718	4265	5.9	4500	6.2	2635	14	45723	63	355	.4
C35	1125										
C36	1913	8744	4.5	11509	6.0	1000	77	130000	67	600	.3
C37	1138										
C38	1199	15900	13.2	6460	5.3	1080	54	73400	61	378	.3
C39	1225										
C41	526	3558	6.7	2800	5.3	507	2	50304	95	200	.3
C43	891										
C44	1140	7675	6.7	16575	14.5	616	34	102948	90	700	.6
C45	280	2000	7.1	2500	8.9			19100	68	123	.4
MEAN			7.3□		8.1□				77□		.4□
NONPUBLIC 2-YEAR COLLEGES											
N4	229	1050	4.5	3366	14.6			24267	105	113	.4
N5	703	480	.6	1668	2.3			12030	17	125	.1
N16	473	1344	2.8	1720	3.6			19551	41	108	.2
N40	404	684	1.6	914	2.2			10500	25	66	.1
MEAN			2.4□		5.7□				47□		.2□
INSTITUTIONS WITH SHARED FACILITIES											
N42	114										
BELLEVILLE JR COLL	2238	1056	.5	1892	.8			8100	3	138	
BLOOM TWP COMM C	759	1667	2.1	1712	2.2	161	5	3125	4	60	
CANTON COMM C	469	320	.6	1475	3.1			2400	5	100	.2
CC JC SOUTHEAST	2517	1128	.4	856	.3			5350	2	109	
CC JC WILSON	4866	3523	.7	10567	2.1			90000	18	550	.1
DANVILLE JR C	554			1097	1.9			5275	9	35	
ELGIN COMM C	1283	950	.7	2500	1.9			3500	2	100	
JOLIET JR C	2099	796	.4	2526	1.2	225	5	15499	7	213	.1
LASALLE-PERU-OGSBY	398	3600	9.0	3600	9.0			24000	60	175	.4
LYONS TWP JR C	914	640	.7	1219	1.3			8500	9	120	.1
BLACK HAWK C	1503	544	.3	2689	1.7			4525	3	61	
MORTON JR C	1777	1456	.8	1410	.7			17588	9	94	
MT VERNON COMM C	343	903	2.6	800	2.3			35		96	.3
S EASTERN ILL C	269	82	.3	1103	4.1			1930	7	72	.2
THORNTON JR C	1720	988	.5	1560	.9			14000	8	153	
WABASH VALLEY C	286	1320	4.6	4320	15.1			10500	36	50	.1
MEAN-GRAND			4.9□		5.4□				58□		.4□
MEDIAN-GRAND			4.5□		3.6□				62□		.3□

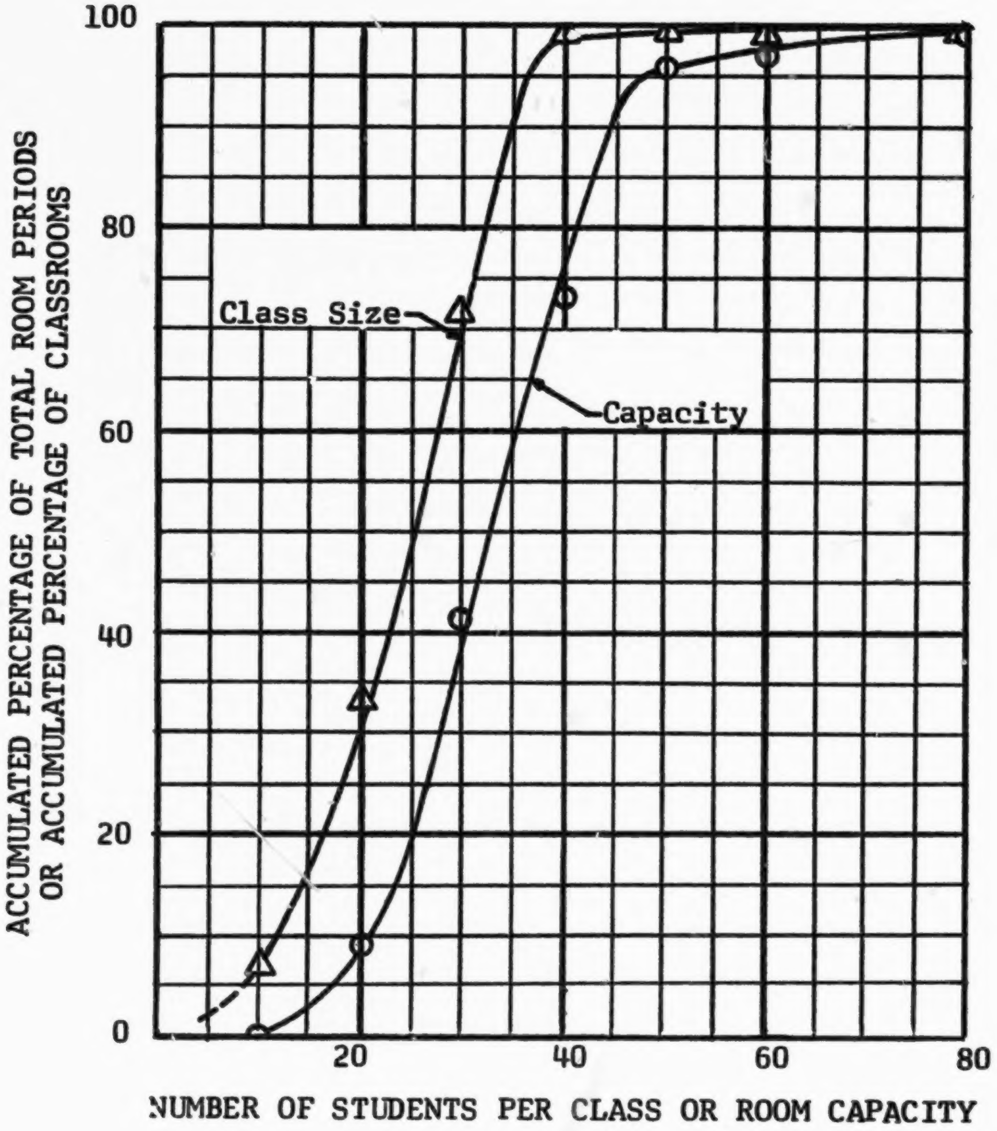
STATE OF ILLINOIS BOARD OF HIGHER EDUCATION
MASTER PLAN STUDY COMMITTEE I - PHYSICAL FACILITIES

SCHEDULE H

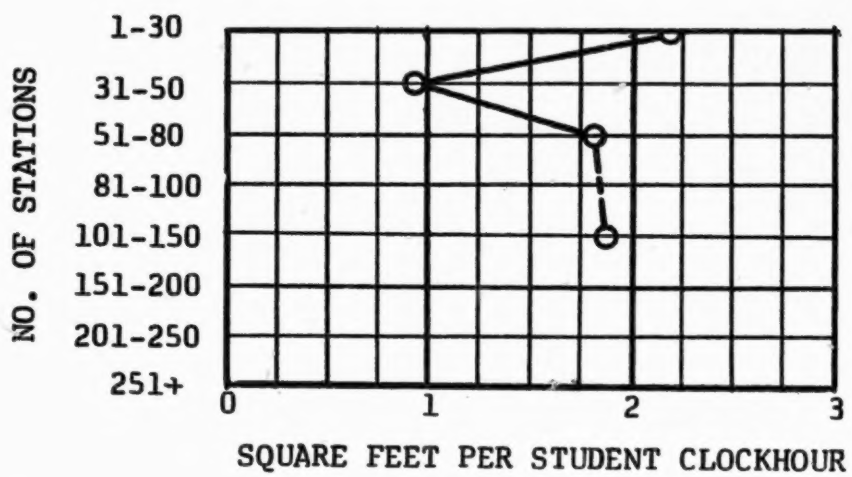
SUMMARY OF SERVICE AND MAINTENCE SPACE FOR BUILDING AND GROUNDS

INSTITUTION	ENROLLMENT	SERV. SHOP NET SQ.FT.	STOREROOM NET SQ.FT.	WAREHOUSE NET SQ.FT.	GARAGE NET SQ.FT.	TOT. SERV. AND MAINT. NET SQ.FT.	SERV. AND MAINTENANCE SPACE PER STUDENT
STATE UNIVERSITIES							
EASTERN ILL U	3435	7155	5320			12475	3.6
ILL STATE NORMAL U	6015	9810	5684	14714		30208	5.0
NO ILL U	9137	8065	19720	20798	8126	56709	6.2
SO ILL U	11619	16530	2050	6200	8060	32840	2.8
SO ILL-EDWSVILLE	4625	4931	7466	25094	3727	41218	8.9
U OF ILL	24169	22901	6441	53688	17848	100878	4.1
U OF ILL-NAVY PIER	4597	10375	11020	6355		27750	6.0
WESTERN ILL U	3797	3976	1600	10176	6690	22442	5.9
MEAN							5.3□
PUBLIC TEACHERS COLLEGES							
CHGO TCH COLLEGE S	5727	1530	900			2430	.4
CHGO TCH COLLEGE N	1645		10000		175	10175	6.1
MEAN							3.3□
PUBLIC 2-YEAR COLLEGES							
CENTRALIA TWP JR C	465						
CC JC AMUNDSEN	3038						
CC JC BOGAN	3156						
CC JC CRANE	2421						
CC JC WRIGHT	7695	2400	3000			5400	.7
CC JC FENGER	1149						
CC JC LOOP	2479						
MEAN							.7□
NONPUBLIC UNIVERSITIES							
X2	5200	7725	2575			10300	1.9
X7	5688						
X14	8233						
X19	1918	1764	1315	10000		13079	6.8
X21	8187	3710	13020			16730	2.0
X24	9955	18027	13478		2000	33505	3.3
X27	7109	17026	5164		5925	28115	3.9
X30	1181	2110	10400	2000	1800	16310	13.8
X32	16636						
MEAN							5.3□
NONPUBLIC COLLEGES							
C1	1197						
C3	2404						
C6	399						
C8	656	7422	4840	1612	3882	17756	27.0
C9	856						
C10	449						

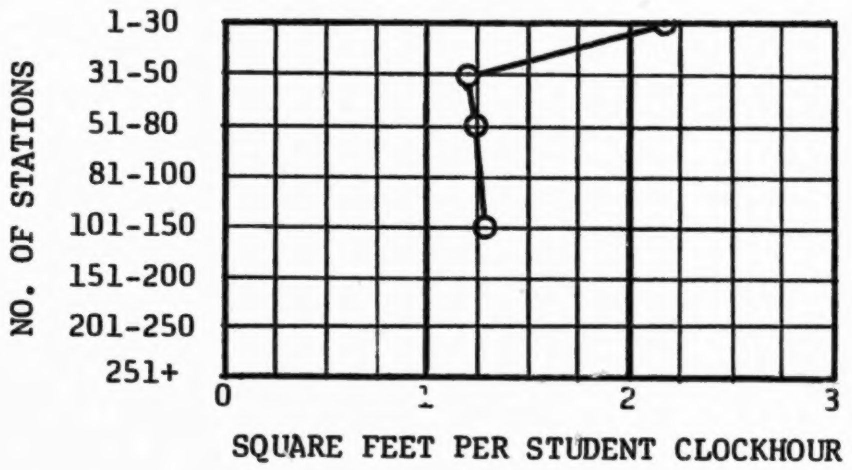
C11	1346	2700	2272			4972	3.6
C12	541	90	120	4000	740	4950	9.1
C13	659						
C15	1532						
C17	636	900	10000			10900	17.1
C18	598						
C20	416	3194	581		3775	7550	18.1
C22	978	9836	5972		3744	19552	19.9
C23	551	2500	3000	1600	2000	9100	16.5
C25	310						
C26	1436						
C28	1693						
C29	1148						
C31	971	2400	17100		1400	20900	21.5
C33	1226						
C34	718	858	4161			5019	6.9
C35	1125						
C36	1913	5560	3324	3584	10396	22864	11.9
C37	1138						
C38	1199	15000	8792		900	24692	20.6
C39	1225						
C41	526	2619	1091		540	4250	8.0
C43	891						
C44	1140	13500	1050	6970		21520	18.8
C45	280	1000	500			1500	5.3
MEAN							14.6□
NONPUBLIC 2-YEAR COLLEGES							
N4	229	1164			2328	3492	15.2
N[illegible]	703						
N16	473	2650	500		280	3430	7.2
N40	404	532	45		225	802	1.9
MEAN							8.1□
INSTITUTIONS WITH SHARED FACILITIES							
N42	114						
BELLEVILLE JR COLL	2238						
BLOOM TWP COMM C	759	1180	1100		840	3120	4.1
CANTON COMM C	469	1500	1000			2500	5.3
CC JC SOUTHEAST	2517						
CC JC WILSON	4866	2800	300			3100	.6
DANVILLE JR C	554						
ELGIN COMM C	1283						
JOLIET JR C	2099	529	2700		280	3509	1.6
LASALLE-PERU-OGSBY	398	2400	5000			7400	18.5
LYONS TWP JR C	914	2590	3742	2114	1950	10396	11.3
BLACK HAWK C	1503		682			682	.4
MORTON JR C	1777	5918	829			6747	3.8
MT VERNON COMM C	343	1296	1072	1800	1600	5768	16.8
S EASTERN ILL C	269	1180	1077	360	210	2827	10.5
THORNTON JR C	1720						
WABASH VALLEY C	286		100			100	.3
MEAN-GRAND							9.1□
MEDIAN-GRAND							6.5□



A. Comparison of Accumulated Percentage of Scheduled Instruction by Class Size With Accumulated Percentage of Classrooms by Room Capacity

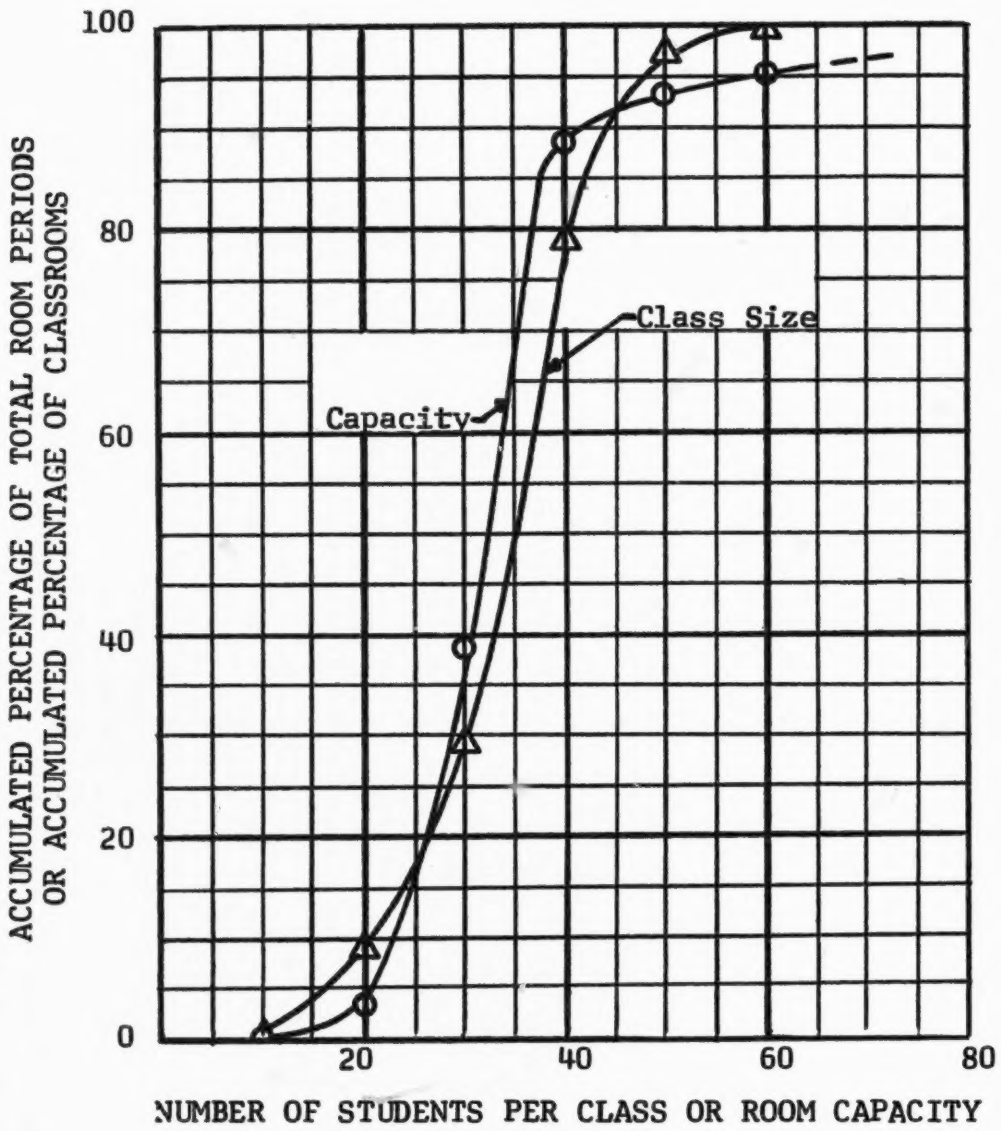


B. Comparison of Square Feet of Classroom Space per Student Clockhour of Instruction

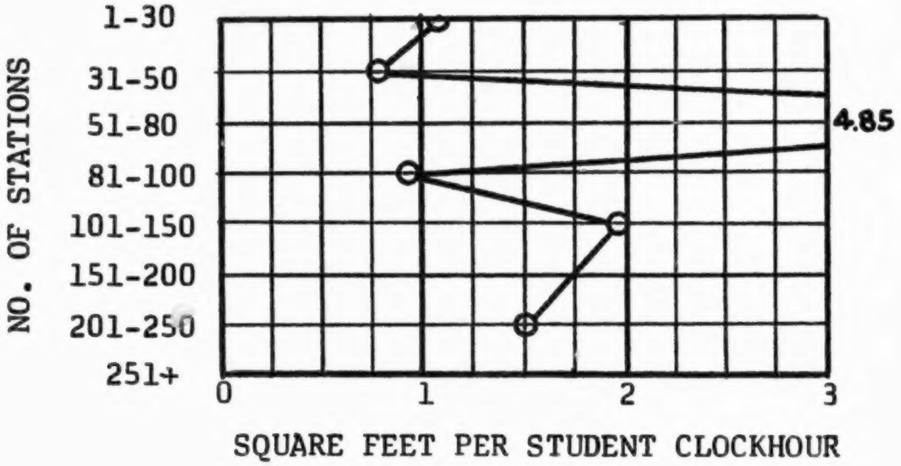


C. Cumulative Square Feet of Classroom Space per Student Clockhour

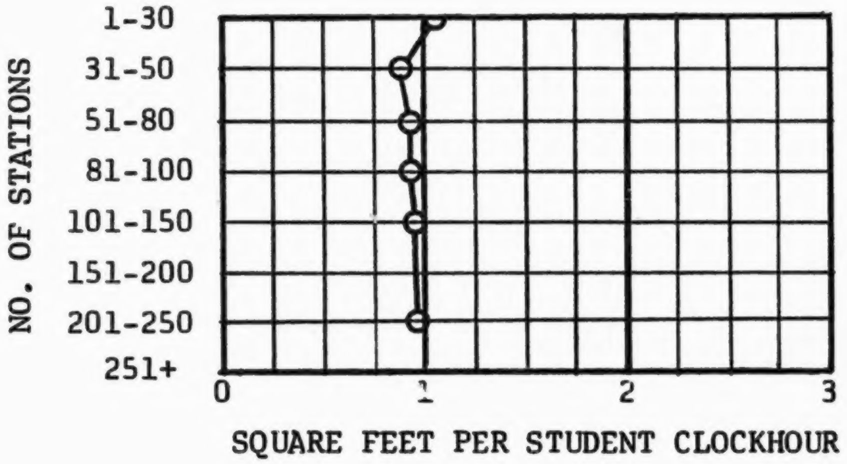
Figure 1-1 Graphical Representation of Classroom Usage, 7AM-5PM INSTITUTION Eastern Illinois University



A. Comparison of Accumulated Percentage of Scheduled Instruction by Class Size With Accumulated Percentage of Classrooms by Room Capacity



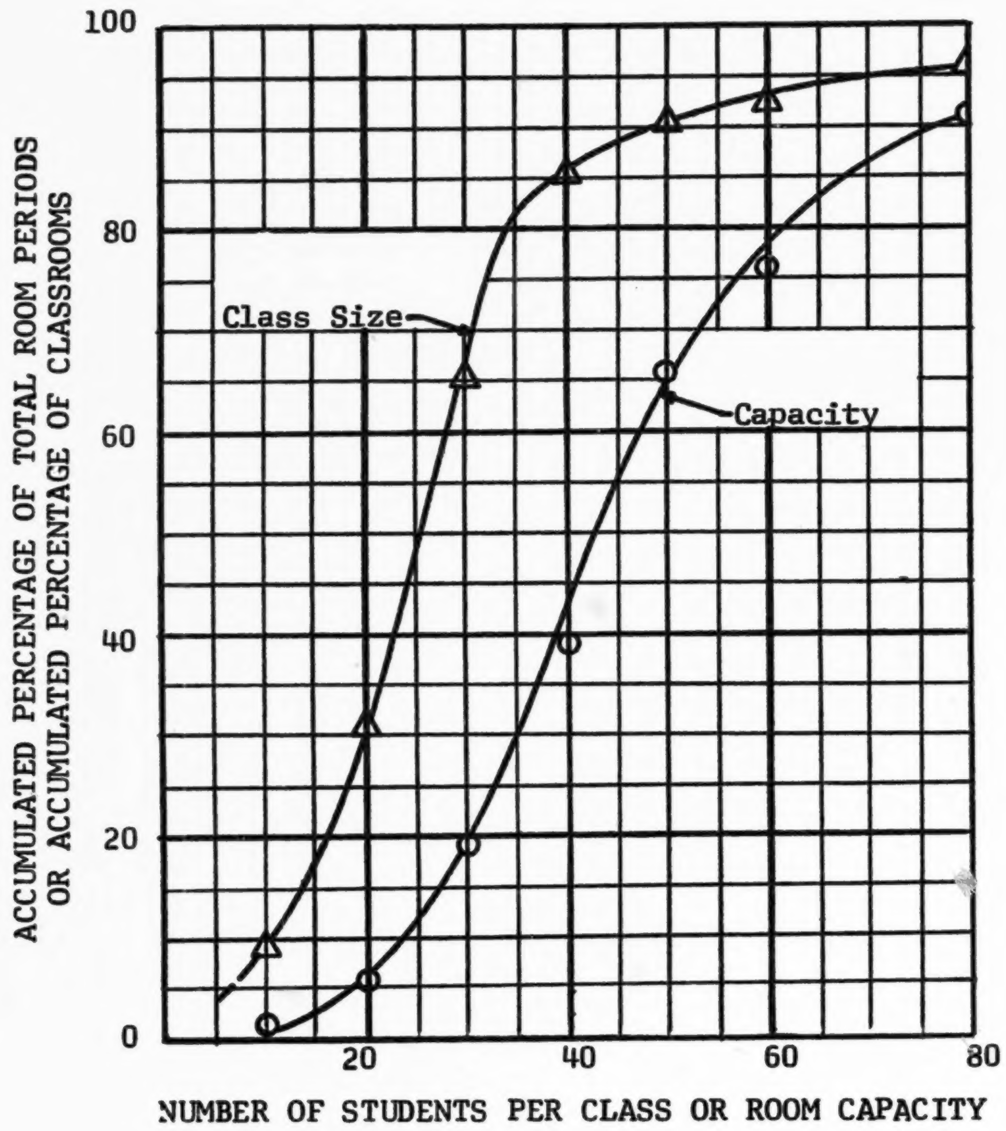
B. Comparison of Square Feet of Classroom Space per Student Clockhour of Instruction



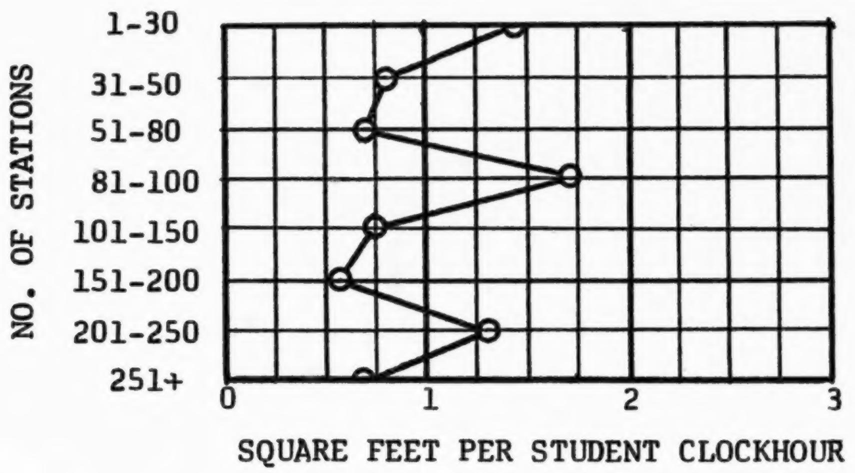
C. Cumulative Square Feet of Classroom Space per Student Clockhour

Figure 1-2 Graphical Representation of Classroom Usage, 7AM-5PM

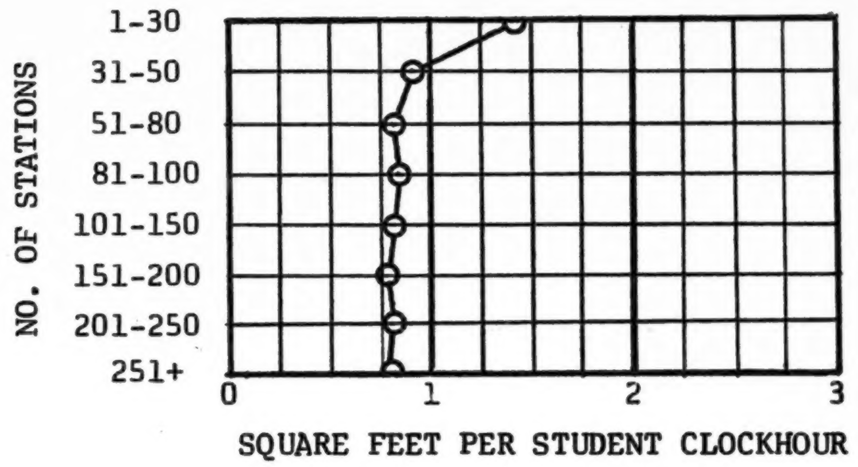
INSTITUTION Illinois State Normal University



A. Comparison of Accumulated Percentage of Scheduled Instruction by Class Size With Accumulated Percentage of Classrooms by Room Capacity

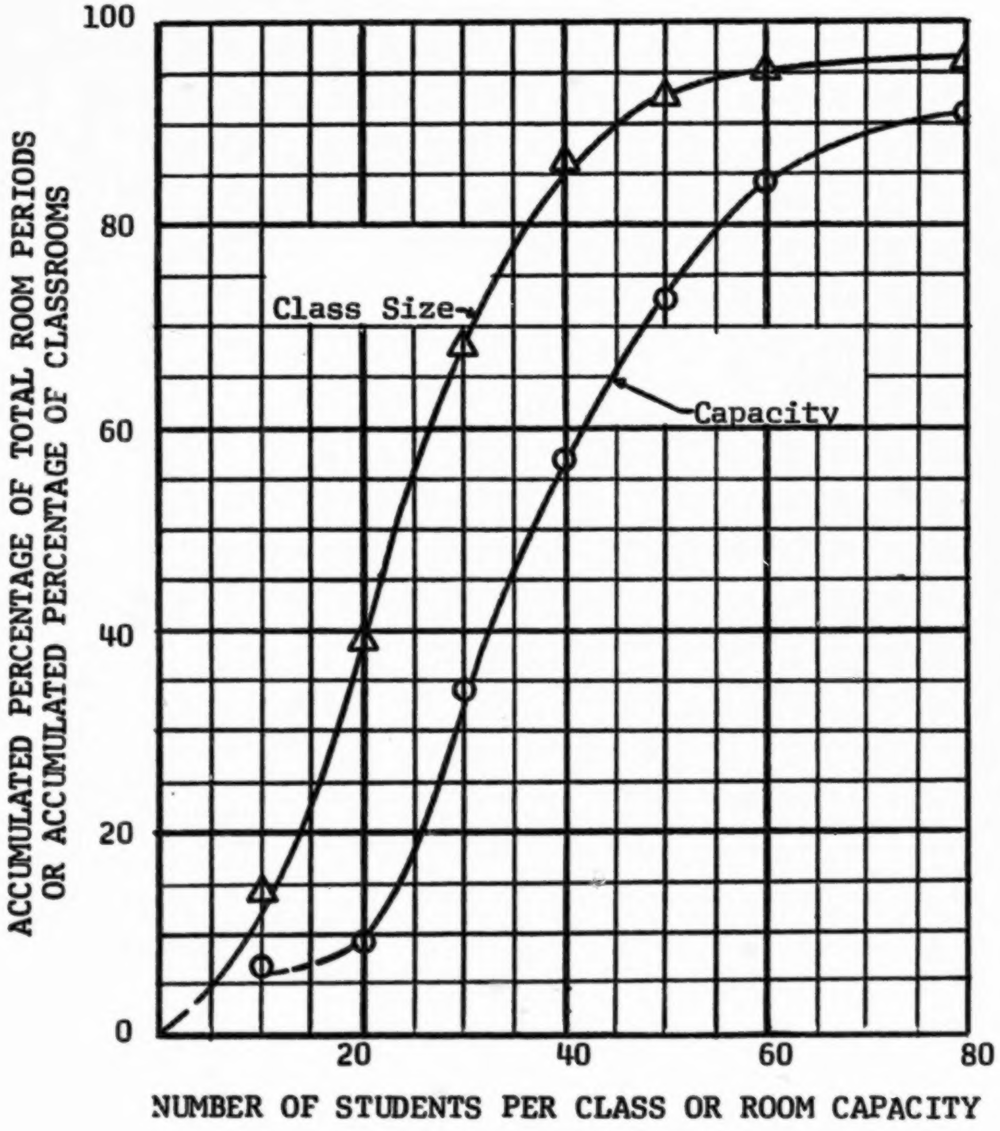


B. Comparison of Square Feet of Classroom Space per Student Clockhour of Instruction

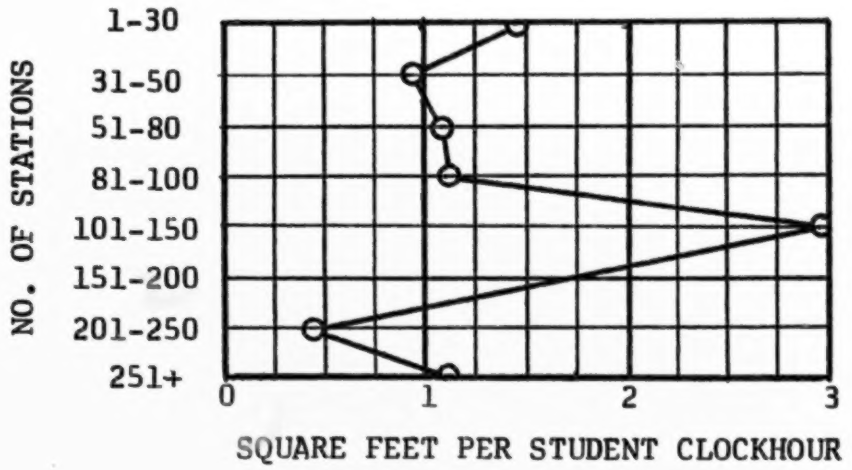


C. Cumulative Square Feet of Classroom Space per Student Clockhour

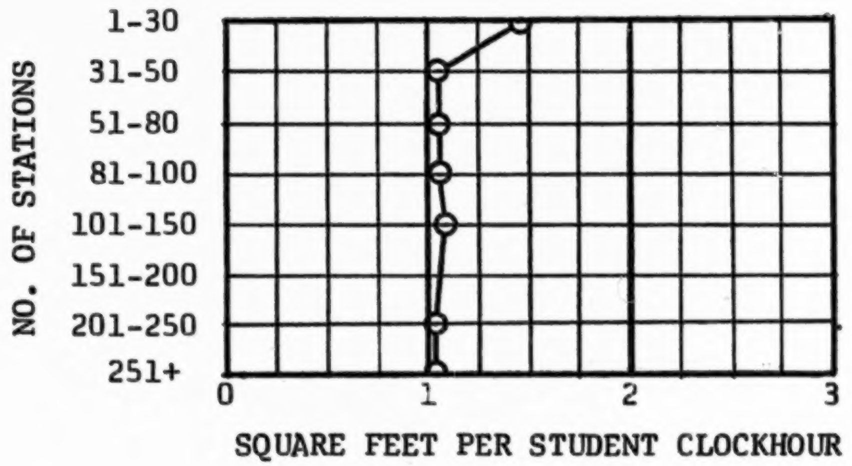
Figure 1-3 Graphical Representation of Classroom Usage, 7AM-5PM INSTITUTION Northern Illinois University



A. Comparison of Accumulated Percentage of Scheduled Instruction by Class Size With Accumulated Percentage of Classrooms by Room Capacity



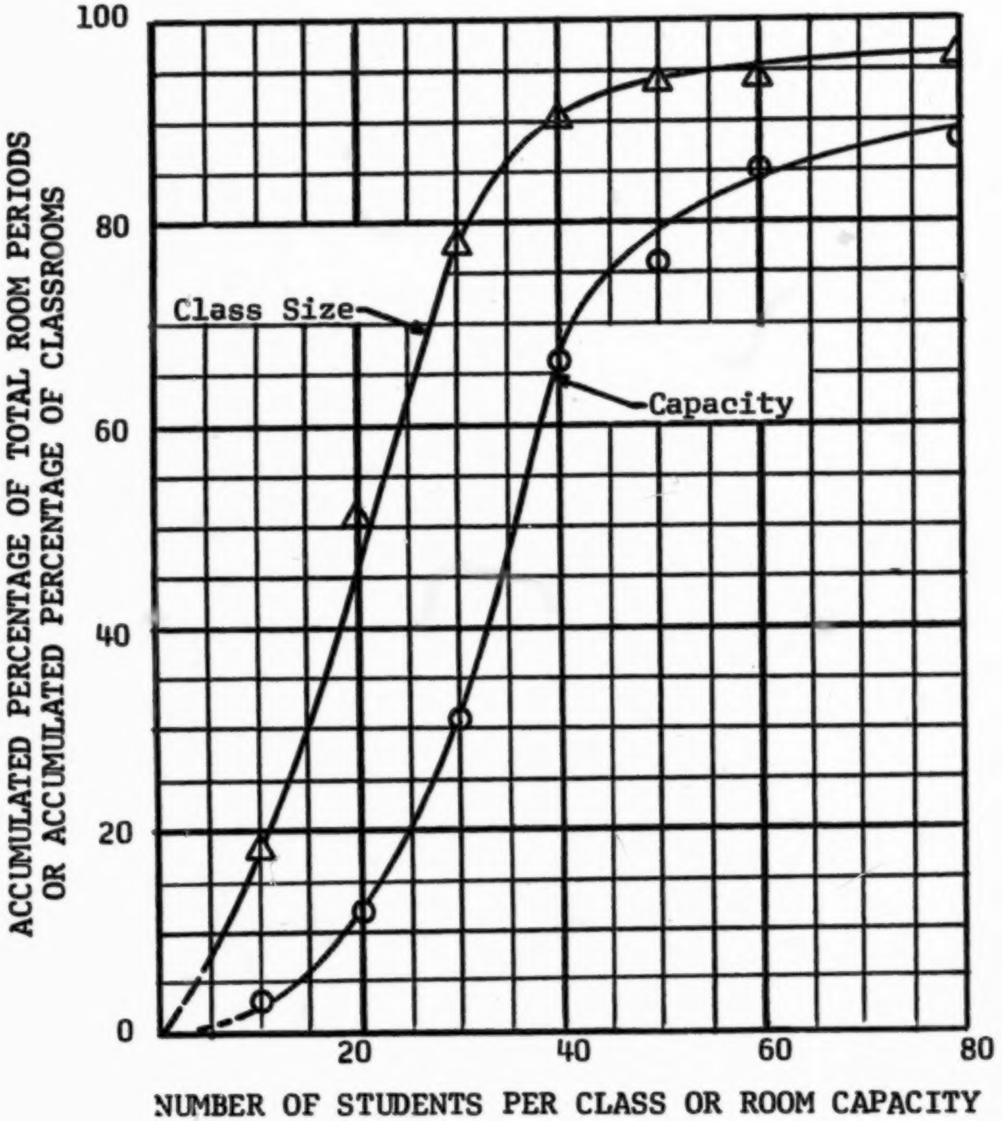
B. Comparison of Square Feet of Classroom Space per Student Clockhour of Instruction



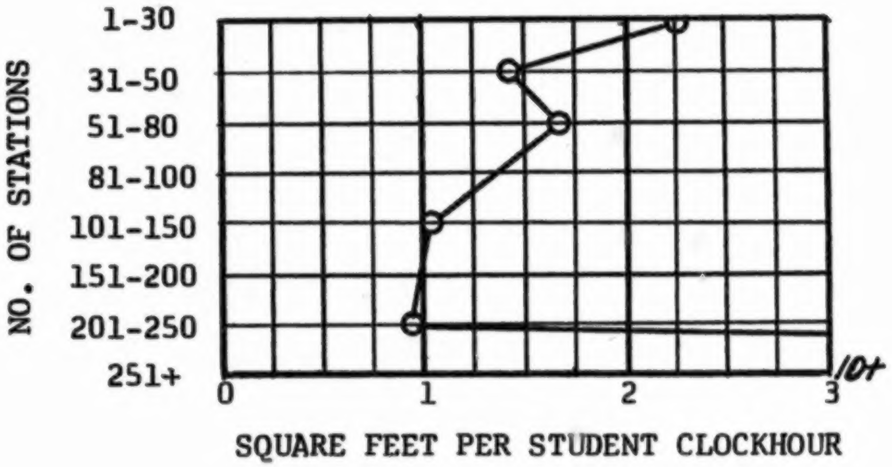
C. Cumulative Square Feet of Classroom Space per Student Clockhour

Figure 1-4 Graphical Representation of Classroom Usage, 7AM-5PM

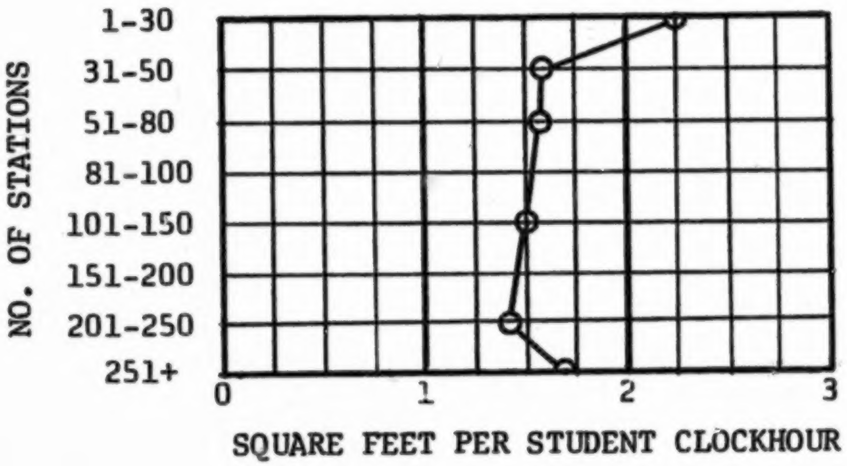
INSTITUTION Southern Illinois University
Carbondale



A. Comparison of Accumulated Percentage of Scheduled Instruction by Class Size With Accumulated Percentage of Classrooms by Room Capacity



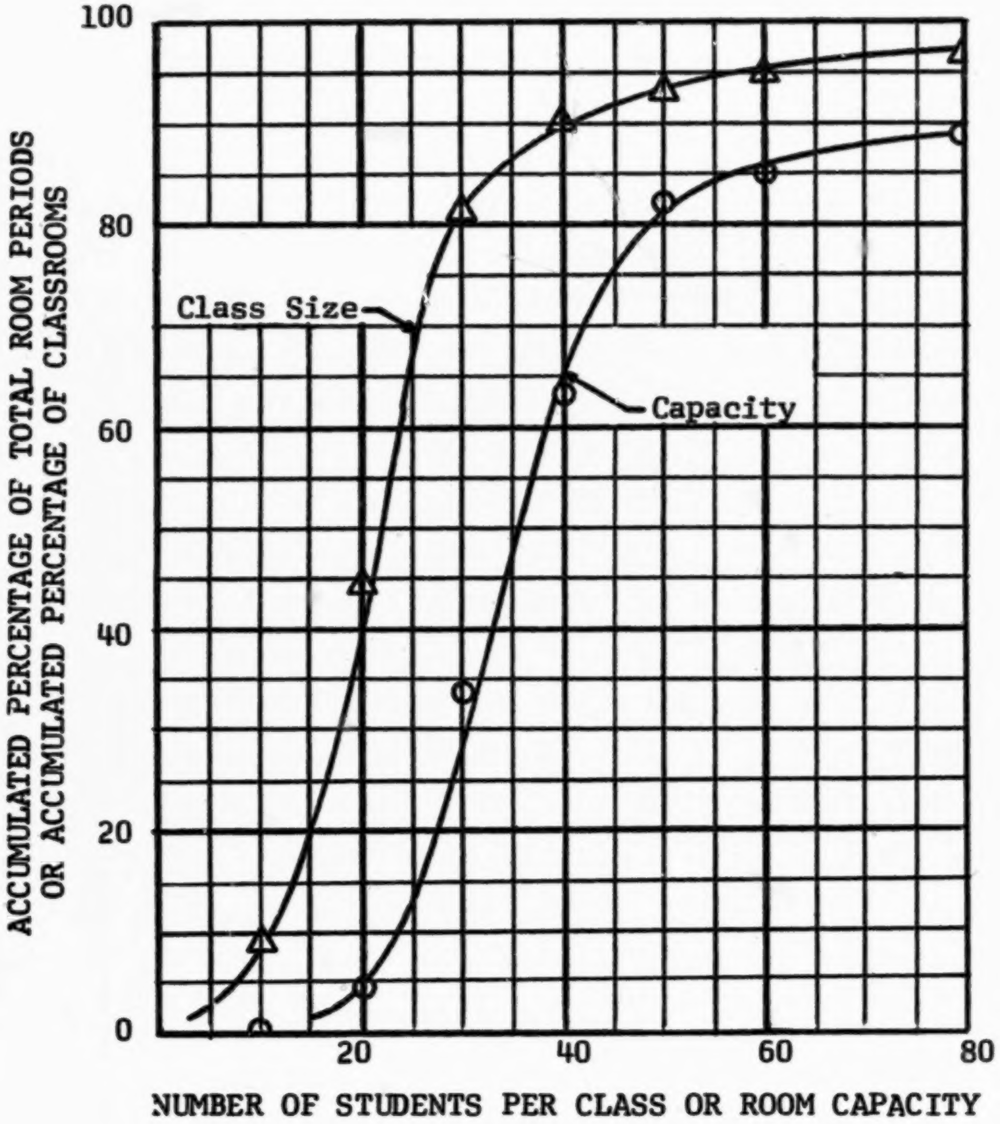
B. Comparison of Square Feet of Classroom Space per Student Clockhour of Instruction



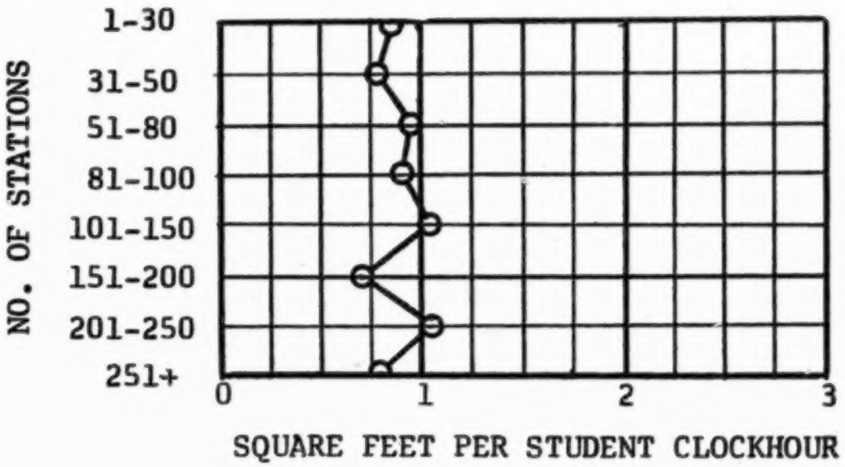
C. Cumulative Square Feet of Classroom Space per Student Clockhour

Figure 1-5 Graphical Representation of Classroom Usage, 7AM-5PM

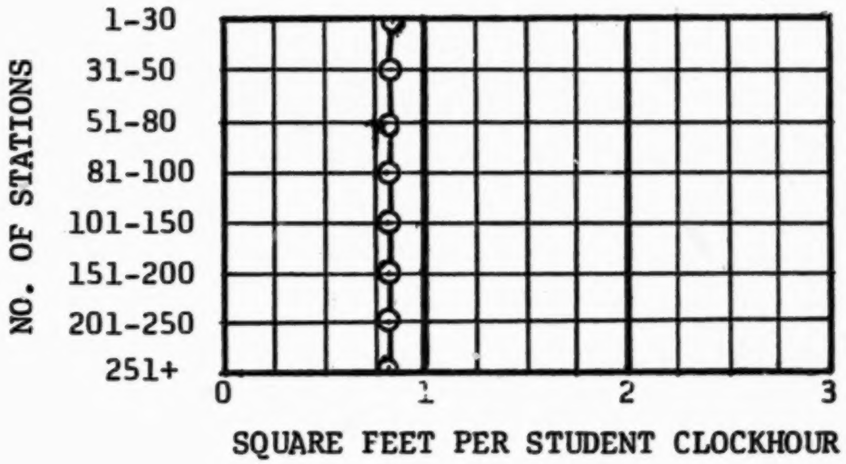
INSTITUTION Southern Illinois University
Edwardsville



A. Comparison of Accumulated Percentage of Scheduled Instruction by Class Size With Accumulated Percentage of Classrooms by Room Capacity



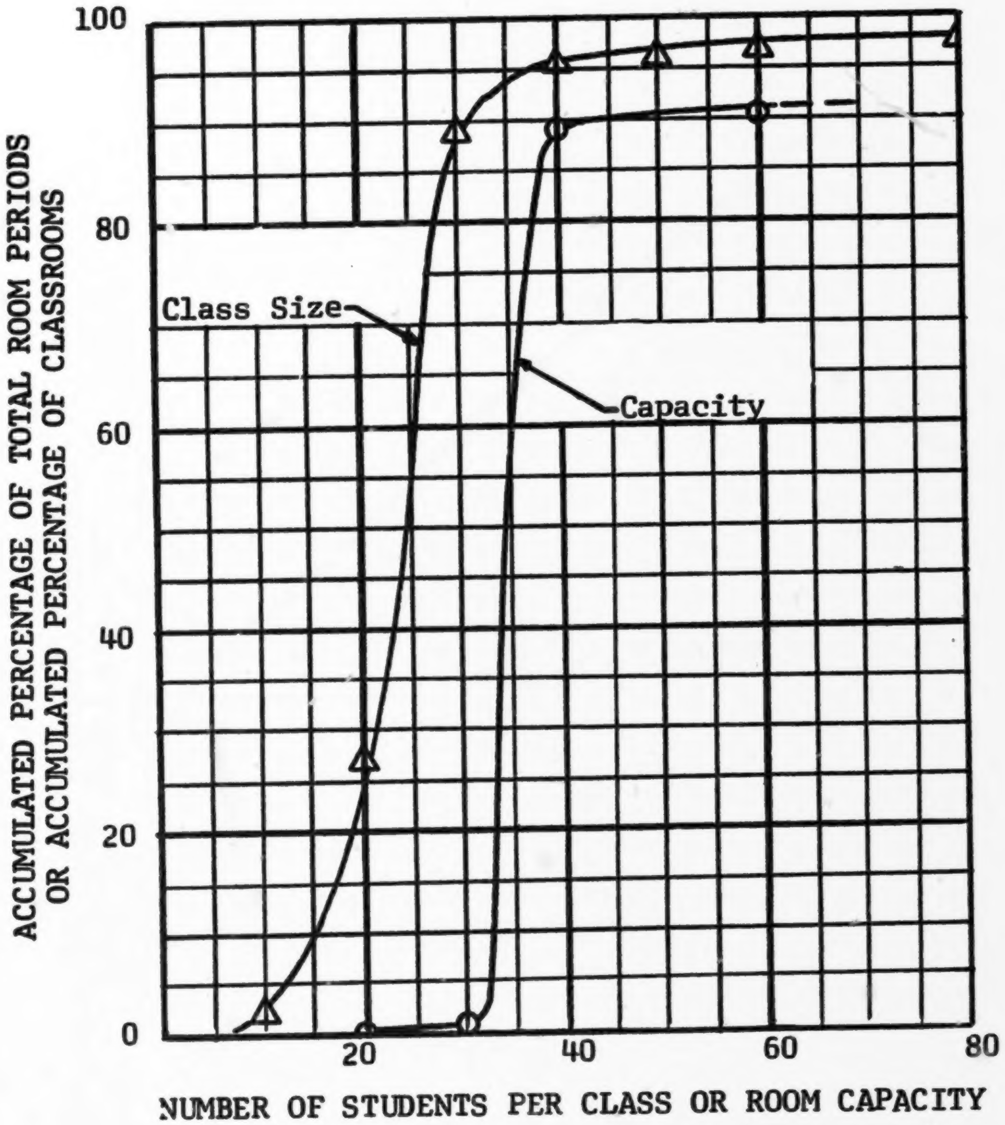
B. Comparison of Square Feet of Classroom Space per Student Clockhour of Instruction



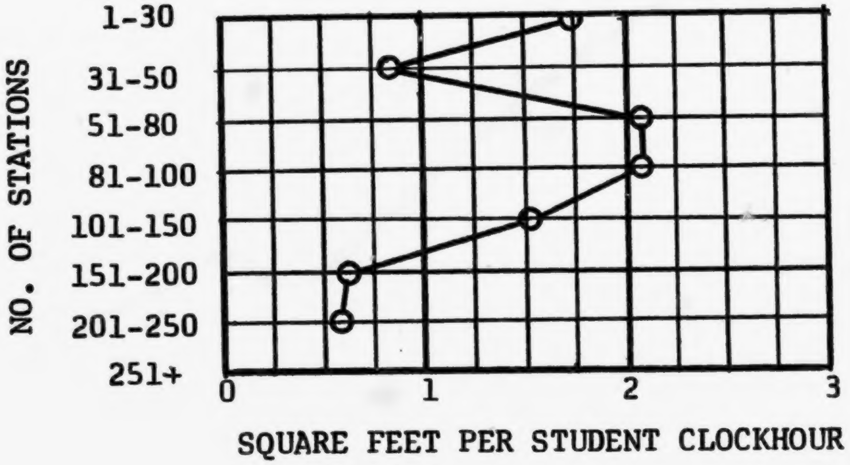
C. Cumulative Square Feet of Classroom Space per Student Clockhour

Figure I-6 Graphical Representation of Classroom Usage, 7AM-5PM

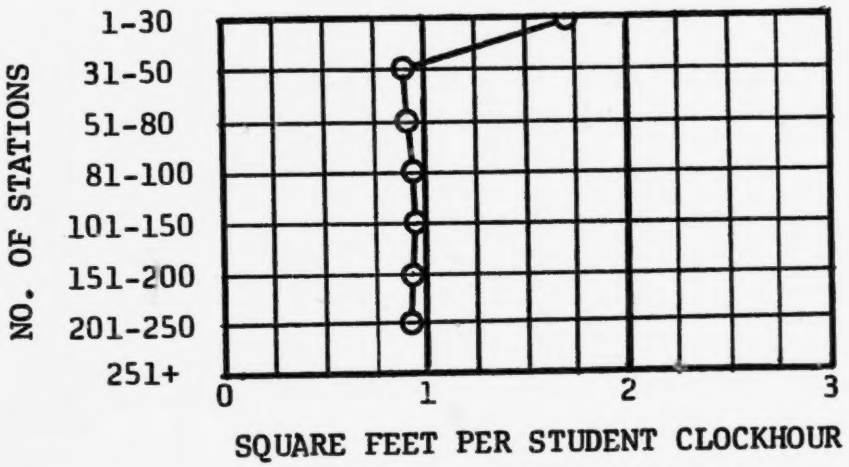
INSTITUTION University of Illinois
Urbana-Champaign



A. Comparison of Accumulated Percentage of Scheduled Instruction by Class Size With Accumulated Percentage of Classrooms by Room Capacity



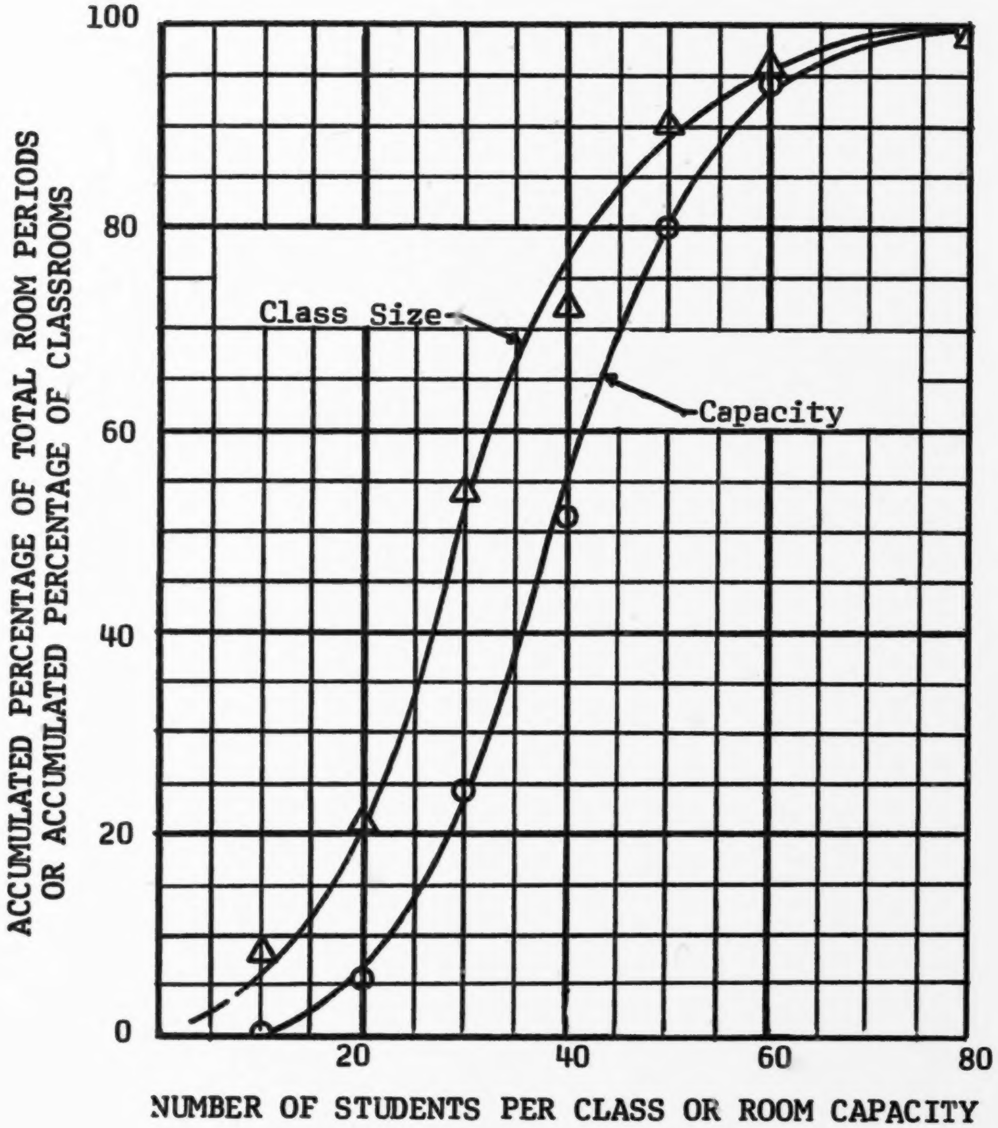
B. Comparison of Square Feet of Classroom Space per Student Clockhour of Instruction



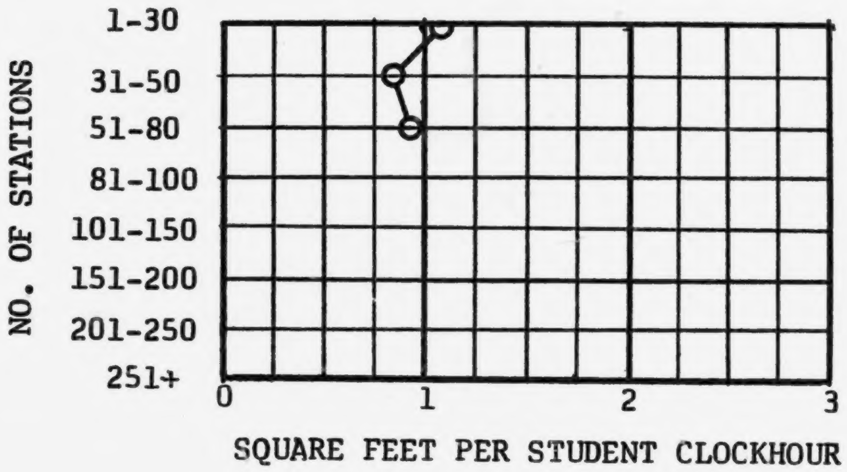
C. Cumulative Square Feet of Classroom Space per Student Clockhour

Figure I-7 Graphical Representation of Classroom Usage, 7AM-5PM

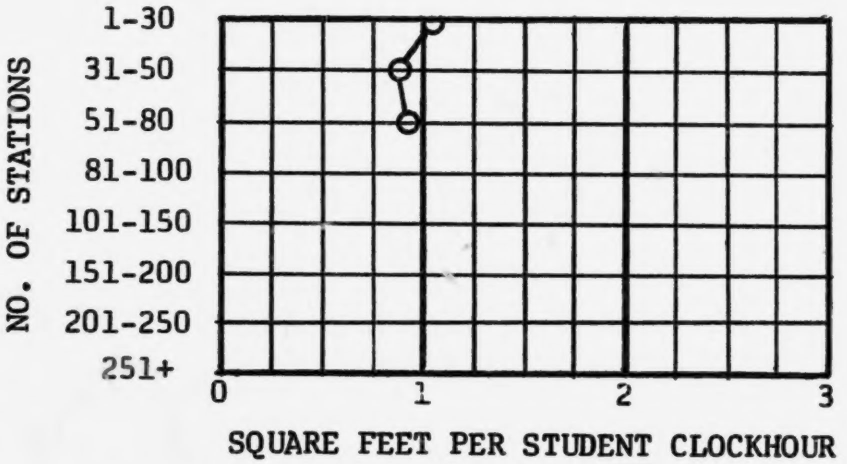
INSTITUTION University of Illinois
Navy Pier



A. Comparison of Accumulated Percentage of Scheduled Instruction by Class Size With Accumulated Percentage of Classrooms by Room Capacity



B. Comparison of Square Feet of Classroom Space per Student Clockhour of Instruction



C. Cumulative Square Feet of Classroom Space per Student Clockhour

Figure 1-8 Graphical Representation of Classroom Usage, 7AM-5PM

INSTITUTION Western Illinois University

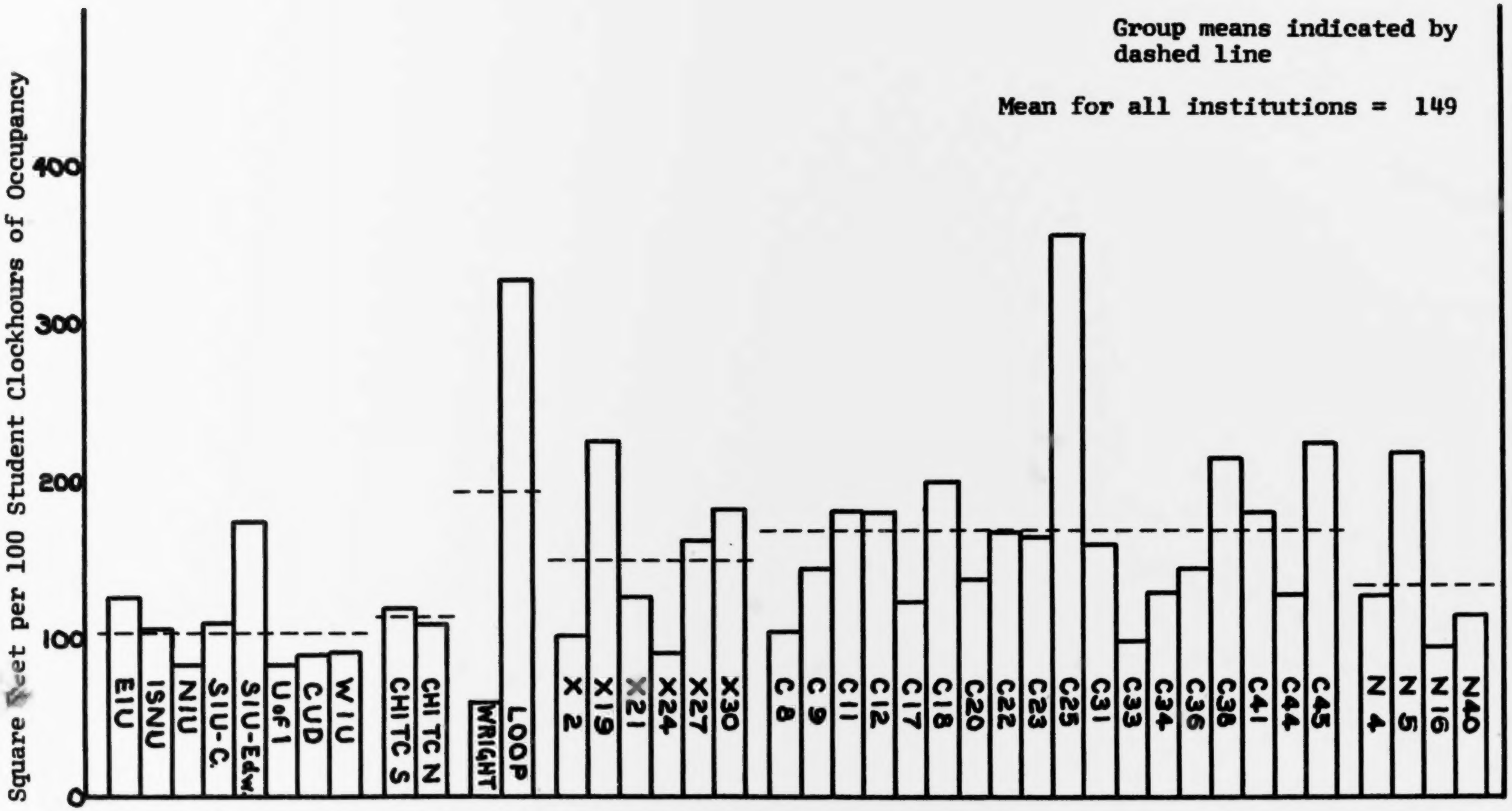


Figure 2-1. Square Feet per 100 Student Clockhours of Occupancy (excluding institutions sharing facilities)

NORMATIVE DATA

on

Classrooms and Teaching Laboratories

NORMATIVE DATA ON USAGE OF CLASSROOMS

From "Normative Data on the Utilization of Instructional Space in Colleges and Universities"
by James I. Doi and Keith L. Scott
-July 1960-

		TYPE		SIZE*			CONTROL	
Per-centile Rank	For all Instit.	For Junior Colleges	For Degree-granting Instit.	For Degree-granting Instit. Producing 15,000 SCH or less	For Degree-granting Instit. Producing Between 15,001 and 45,000 SCH	For Degree-granting Instit. Producing 45,000 SCH or more	For Private Degree-granting Instit.	For Public Degree-granting Instit.
	General Classrooms - Room-Period Usage							
	(N=216) **	(N=26)	(N=190)	(N=88)	(N=53)	(N=36)	(N=100)	(N=90)
99	45.0	45.0	44.0	29.4	34.0	44.0	44.0	34.0
90	27.3	30.9	27.2	22.8	27.3	29.6	26.8	27.3
80	25.0	26.4	24.3	19.7	24.0	28.6	22.7	25.9
70	22.8	25.1	22.4	18.7	22.7	26.6	20.2	23.4
60	20.5	23.5	20.2	17.7	20.8	26.0	18.8	21.9
50	19.1	22.9	19.0	17.2	20.2	23.8	17.7	20.2
	General Classrooms - Student Hours Per Week Per Station							
	(N=197) **	(N=23)	(N=174)	(N=83)	(N=47)	(N=32)	(N=97)	(N=76)
99	42.7	42.7	31.0	20.0	30.0	31.0	30.0	31.0
90	18.9	25.8	17.9	14.2	20.0	19.0	17.8	19.0
80	15.5	19.1	14.8	12.1	14.8	17.7	13.9	15.1
70	13.0	17.3	12.8	10.4	13.5	16.4	12.2	13.4
60	12.0	13.5	11.7	9.8	12.3	15.1	10.6	12.5
50	10.8	12.6	10.6	9.1	11.6	13.3	9.6	11.5

General Classrooms - Percentage of Student-Stations Used When Rooms Were Actually in Use

	(N=180) **	(N=21)	(N=159)	(N=76)	(N=44)	(N=27)	(N=90)	(N=88)
99	82.0	82.0	80.0	65.0	80.0	71.7	80.0	71.7
90	65.3	74.9	63.7	61.4	65.2	65.6	61.6	65.1
80	61.8	72.3	60.6	59.1	63.0	61.8	59.0	62.8
70	59.0	70.0	58.3	57.6	59.4	58.9	57.4	60.8
60	57.1	67.5	56.4	55.0	57.8	56.2	54.9	57.4
50	55.0	65.1	54.4	52.3	56.4	54.8	52.3	56.1

General Classrooms - Square Feet of Assignable Space Per 100 Hours of Student Occupancy Per Week

	(N=166) **	(N=21)	(N=145)	(N=69)	(N=41)	(N=23)	(N=90)	(N=55)
99	39.0	56.7	39.0	80.1	47.3	39.0	47.3	39.0
90	81.7	70.1	87.2	119.7	101.6	63.3	85.8	92.6
80	102.0	80.7	106.3	134.7	110.4	84.7	110.0	105.6
70	119.7	96.8	121.2	155.2	116.8	90.6	122.0	119.8
60	132.2	126.2	133.0	161.6	128.5	97.7	141.5	129.9
50	147.2	155.2	146.1	171.3	135.6	101.9	158.2	134.6

* Size determined by number of student-credit-hours (abbreviated as SCH) produced during semester or term when space utilization analysis was made.

** N is number of institutions for which data were obtained.

NORMATIVE DATA ON USAGE OF LABORATORIES

From "Normative Data on the Utilization of Instructional Space in Colleges and Universities"
by James I. Doi and Keith L. Scott
-July 1960-

		TYPE		SIZE*			CONTROL	
Per-centile Rank	For All Instit.	For Junior Colleges	For Degree-granting Instit.	For Degree-granting Instit. Producing 15,000 SCH or less	For Degree-granting Instit. Producing Between 15,001 and 45,000 SCH	For Degree-granting Instit. Producing 45,000 SCH or more	For Private Degree-granting Instit.	For Public Degree-granting Instit.
			Teaching Laboratories - Room-Period Usage					
	(N=205) **	(N=25)	(N=180)	(N=86)	(N=51)	(N=33)	(N=92)	(N=88)
99	39.0	39.0	28.6	25.0	28.6	27.7	26.0	28.6
90	22.4	29.4	20.1	18.4	21.4	23.7	19.2	22.4
80	19.0	26.0	17.7	16.0	17.9	22.5	15.3	19.0
70	16.7	21.3	16.2	14.3	16.1	19.1	13.9	17.2
60	15.4	20.0	14.9	12.4	15.2	16.9	12.3	16.5
50	14.1	18.7	13.6	11.7	14.4	16.5	11.3	15.8
			Teaching Laboratories - Student Hours Per Week Per Station					
	(N=186) **	(N=22)	(N=164)	(N=80)	(N=45)	(N=29)	(N=89)	(N=74)
99	35.1	24.8	35.1#	24.2	24.1	22.4	24.2	35.1
90	16.3	22.0	15.1	11.8	16.9	18.4	14.0	16.9
80	13.7	17.2	13.2	9.4	12.0	16.0	11.6	14.5
70	11.6	14.8	11.3	8.1	11.4	14.7	9.4	12.8
60	10.6	12.7	10.0	7.3	10.7	13.9	8.1	11.1
50	9.1	12.5	8.8	6.8	10.4	13.3	7.2	10.6

Teaching Labs - Percentage of Student-Stations Used When Rooms Were Actually in Use

	(N=170) **	(N=19)	(N=151)	(N=73)	(N=43)	(N=25)	(N=83)	(N=68)
99	99.1	99.0	99.1	90.0	99.1	80.9	91.7	99.1
90	80.9	90.0	79.2	76.6	81.1	77.1	76.6	80.9
80	75.7	82.2	73.9	65.8	78.4	74.7	71.8	77.0
70	72.0	80.0	71.2	63.3	73.8	73.9	64.3	73.6
60	67.6	77.2	66.9	59.1	71.9	72.0	59.5	71.0
50	63.7	72.9	62.7	54.4	70.4	70.9	56.7	68.1

Teaching Labs - Square Feet of Assignable Space Per 100 Hours of Student Occupancy Per Week

	(N=157) **	(N=20)	(N=137)	(N=67)	(N=39)	(N=21)	(N=84)	(N=53)
99	44.0	128.2	44.0	100.4	44.0	49.1	44.0	49.1
90	188.7	148.9	208.6	253.6	207.1	198.7	245.4	151.9
80	259.8	184.2	270.3	282.7	277.2	257.3	270.8	271.5
70	297.9	207.4	311.0	338.0	334.2	279.7	326.2	301.6
60	339.8	260.6	349.9	397.8	383.4	298.0	383.5	339.9
50	397.0	324.4	399.6	497.5	408.2	311.6	433.2	376.8

* Size determined by number of student-credit-hours (abbreviated as SCH) produced during semester or term when space utilization analysis was made.

** N is number of institutions for which data were obtained.

# Information on size of this institution not obtained.